clarion®

Owner's manual
Mode d'emploi
Manual de instrucciones

DXZ855MP

CD/MP3/WMA Receiver /
CeNET & Touch Panel Control

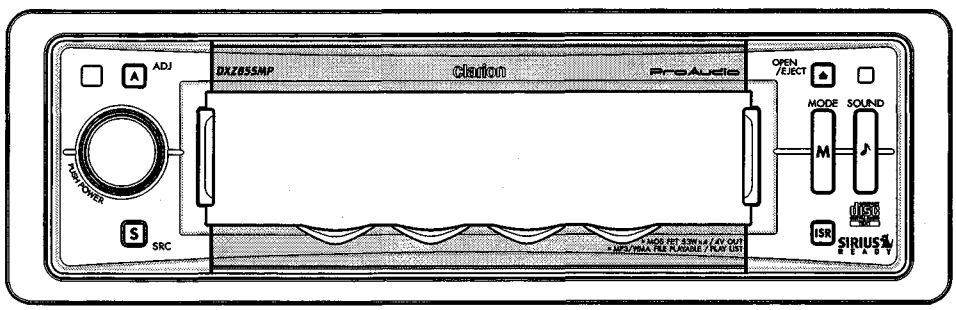
•

Récepteur CD/MP3/WMA/ CeNET et écran de contrôle tactile

•

Receptor de CD/MP3/WMA / Control en panel táctil y CeNet

ProAudio CeNET



4V HVD COMPACT disc DIGITAL AUDIO TEXT SIRIUS READY Plays Windows Media™

English

Thank you for purchasing this **Clarion** product.

* Please read this owner's manual in its entirety before operating this unit.
* After reading this manual, be sure to keep it in a handy place (e.g., glove compartment).
* Check the contents of the enclosed warranty card and keep it carefully with this manual.
* This manual includes the operating procedures of the CD changer and TV tuner connected via the CeNET cable. The CD changer and TV tuner have their own manuals, but no explanations for operating them are described.

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1. FEATURES

- 4.2-Inch Full Color TFT Display
- Optimedia Technology for Superior Graphics and Touch-Screen Control
- MP3 and WMA Playback With ID3-TAG and WMA-TAG Display Capability
- High-Powered Internal MOSFET Amplifier (53 Watts x 4 Channels)
- Superb Music Reproduction With 24-Bit D/A Conversion and 4-Volt/6-Channel RCA Outputs
- Auxiliary Input for External Device Connection
- 2-Band Parametric EQ and ADF Compressed Audio Enhancer
- High Quality Stainless Steel Faceplate

2. PRECAUTIONS

English

1. When the inside of the car is very cold and the player is used soon after switching on the heater, moisture may form on the disc or the optical parts of the player and proper playback may not be possible. If moisture forms on the disc, wipe it off with a soft cloth. If moisture forms on the optical parts of the player, do not use the player for about 1 hour. The condensation will disappear naturally allowing normal operation.
2. Driving on extremely bumpy roads may cause severe vibration and cause the sound to skip.
3. This unit uses a precision mechanism. Even in the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts.

⚠ WARNING

For your safety, do not watch or operate the touch panel while driving.

This unit has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This unit generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this unit does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

⚠ CAUTION

USE OF CONTROLS, ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

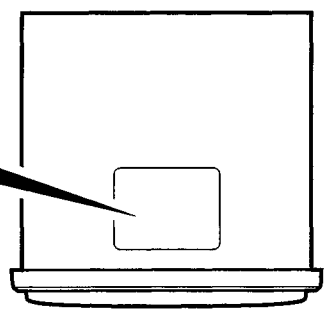
THE COMPACT DISC PLAYER AND MINI DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

INFORMATION FOR USERS:.

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.

MODEL
Clarion
12V ⊖ GROUND
AM 530-1710kHz/FM 87.9-107.9MHz
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.
THIS PRODUCTION COMPLIES WITH DHHS RULES 21 CFR SUBCHAPTER J APPLICABLE AT DATE OF MANUFACTURE.
CLARION CO.,LTD.
50 KAMITODA,TODA-SHI,SAITAMA-KEN,JAPAN
This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from MSLGP.
MANUFACTURED:
SERIAL No.
PE-
286-
Clarion Co.,Ltd.



Bottom View of Source Unit

English

Sloping Console

This unit uses a SLOPING CONSOLE to make large screen displays possible.

When you use the SLOPING CONSOLE, be sure to close it.

⚠ CAUTION

BE CAREFUL NOT TO GET YOUR FINGERS CAUGHT WHEN OPENING AND CLOSING THE SLOPING CONSOLE.

1. For safety's sake, always close the SLOPING CONSOLE before leaving this unit unused for a prolonged period or switching OFF the ignition key.

   If you switch OFF the ignition key with the SLOPING CONSOLE tilted, the SLOPING CONSOLE does not close.
2. Before the SLOPING CONSOLE closes, there may be a braking sound from the safety mechanism. This is normal.
3. If you move the SLOPING CONSOLE by hand, this may start play. To correct this play, with the power for the unit ON, press the [⏏] button to close the SLOPING CONSOLE.
4. After a disc is ejected, the SLOPING CONSOLE automatically returns to the tilted or closed state. If there is any obstruction when the SLOPING CONSOLE tries to close, the safety mechanism is triggered and the SLOPING CONSOLE returns to the open state. If this happens, remove the obstruction, then press the [⏏] button.
5. To avoid scratching the compact disc, keep the 12 or 8 cm CD level when loading or removing it.

Handling Compact Discs

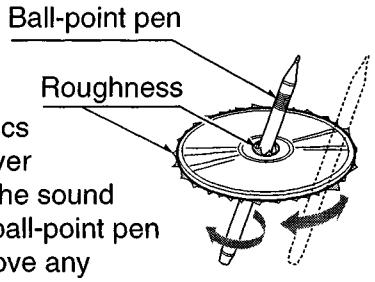
Use only compact discs bearing the COMPACT disc DIGITAL AUDIO or COMPACT disc DIGITAL AUDIO TEXT mark.

Do not play heart-shaped, octagonal, or other specially shaped compact discs.

Some CDs recorded in the CD-R/CD-RW mode may not be usable.

Handling

- Compared to ordinary music CDs, CD-R and CD-RW discs are both easily affected by high temperature and humidity and some CD-R and CD-RW discs may not be playable. Therefore, do not leave them for a long time in the car.
- New discs may have some roughness around the edges. If such discs are used, the player may not work or the sound may skip. Use a ball-point pen or the like to remove any roughness from the edge of the disc.



- Never stick labels on the surface of the compact disc or mark the surface with a pencil or pen.
- Never play a compact disc with any cellophane tape or other glue on it or with peeling off marks. If you try to play such a compact disc, you may not be able to remove it from the CD player or it may damage the CD player.
- Do not use compact discs that have large scratches, are misshapen, cracked, etc. Use of such discs may cause misoperation or damage.
- To remove a compact disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
- Do not use commercially available CD protection sheets or discs equipped with stabilizers, etc. These may damage the disc or break the internal mechanism.

Storage

- Do not expose compact discs to direct sunlight or any heat source.
- Do not expose compact discs to excess humidity or dust.
- Do not expose compact discs to direct heat from heaters.

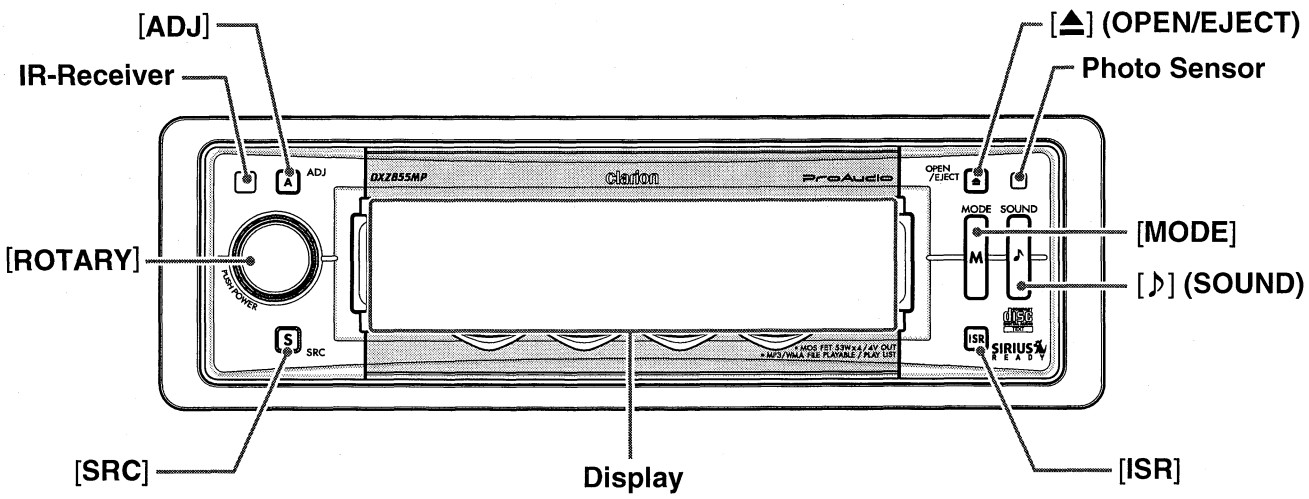
Cleaning

- To remove fingermarks and dust, use a soft cloth and wipe in a straight line from the center of the compact disc to the circumference.
- Do not use any solvents, such as commercially available cleaners, anti-static spray, or thinner to clean compact discs.
- After using special compact disc cleaner, let the compact disc dry off well before playing it.

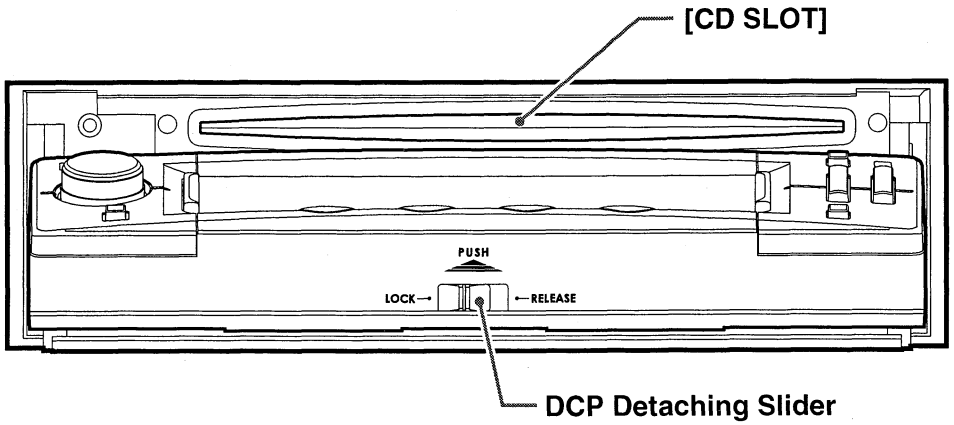
3. CONTROLS

English

Source unit



With the SLOPING CONSOLE opened



English

4. NOMENCLATURE

Names of the Buttons and their Functions

IR-Receiver

- Receiver for remote control unit. (Operating range: 30° in all directions)

[ADJ] button

- Use this button to set or adjust the various settings in the adjust mode.

[⏏] (OPEN/EJECT) button

- Open/closes the control panel.
  To eject a disc, open the control panel first, and then press this button once again.

Photo Sensor

- This sensor detects the brightness inside your car. When the auto-dimmer function is set to "**AUTO**", the brightness of the display is dimmed according to the brightness detected by this sensor.

[MODE] button

- Use this button to play in scan, repeat, or random mode.
- Press and hold this button for 2 seconds or longer to switch between standard and simple operation displays.

[♪] (SOUND) button

- Use this button for setting or adjusting various settings such as ADF.

[ISR] (Instant Station Recall) button

- Immediately calls up a favorite radio station regardless of the current mode. (This is the ISR function.) You can store radio stations to the [**ISR**] button by holding this button down for 2 seconds or longer in the radio mode.

[SRC] button

- Switches among sound sources as shown below.
  Radio → (SIRIUS) → CD/MP3 → (CD changer) → (DVD changer) → (TV) → AUX → Radio...

Note:

External equipment not connected with CeNET is not displayed.

[ROTARY] knob

- Press the knob to turn the power ON.
- Press the knob to turn the power OFF.
- Turn the knob to adjust the volume.

[CD SLOT]

- CD insertion slot.

DCP Detaching Slider

- Removes the DCP.

Display

- Displays the various information that indicates the operating state of this unit such as tuning/ play state and indicators.
- You can operate the display by touching or touching the surface. (cf. page 9)

● When the CD/DVD changer is connected

* For details, see the section "**CD changer operations**" (cf. page 35). For the DVD changer, refer to the Owner's Manual provided with the DVD changer.

● When the TV is connected

* For details, see the section "**TV operations**" (cf. page 38).

● When the Sirius Satellite Radio is connected

* For details, refer to the Owner's Manual provided with the Sirius Satellite Radio.

What is Sirius Satellite Radio? SIRIUS READY

Sirius is radio the way it was meant to be: Up to 100 new channels of digital quality programming delivered to listeners coast to coast via satellite. That means 50 channels of completely commercial-free music. Plus up to 50 more channels of news, sports, and entertainment from names like CNBC, Discovery, SCI-FI Channel, A&E, House of Blues, E!, NPR, Speedvision and ESPN.

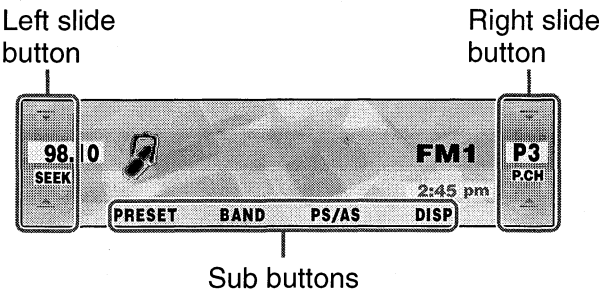
Sirius is live, dynamic entertainment, completely focused on listeners. Every minute of every day of every week will be different. All 50 commercial-free music channels are created in-house and hosted by DJs who know and love the music. Do you like Reggae? How about Classic Rock or New Rock? Sirius has an array of choices spanning a vast range of musical tastes including the hits of the 50's, 60's, 70's, & 80's as well as Jazz, Country, Blues, Pop, Rap, R&B, Bluegrass, Alternative, Classical, Heavy Metal, Dance and many others...

From its state-of-the-art, digital broadcasting facility in Rockefeller Center, New York City, Sirius will deliver the broadest, deepest mix of radio entertainment from coast to coast. Sirius will bring you music and entertainment programming that is simply not available on traditional radio in any market across the country. It's radio like you've never heard before.

So Get Sirius and Listen Up! For more information, visit siriusradio.com.

Touch Panel Buttons

● Standard operation display



Left slide button

- Touch this button for seek up/down or track up/down operations.
- Touch and hold this button for fast-forward/fast-rewind operations.

Right slide button

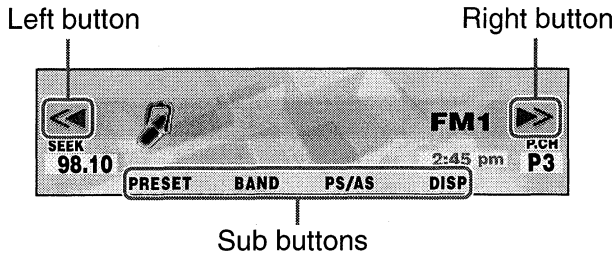
- Touch this button for preset channel up/down, folder up/down, and disc up/down operations.

Sub buttons

- Shows functions available in a certain context.

● Simple operation display

(To switch to the simple operation display, press and hold the [**MODE**] button for 2 seconds or longer.)



Left button

- Touch this button for seek down or track down operations.
- Touch and hold this button for fast-rewind operation.

Right button

- Touch this button for seek up or track up operations.
- Touch and hold this button for fast-forward operation.

Sub buttons

- Shows functions available in a certain context.

Touch Panel Operations

A touch panel display is used as the display on this unit. You can operate this display just by touching it with your fingertip. There are four main display operations as follows:

Touch

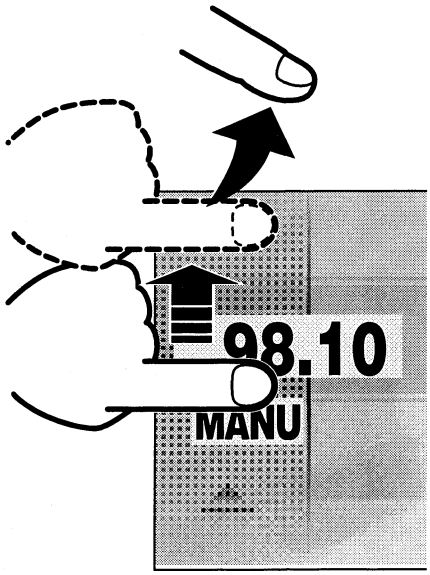
Touch the display with your fingertip and take it away within 1 second. This is the most basic operation when operating the display.

Touch and hold

Touch the display with your fingertip and hold it on the display for 1 or 2 seconds or longer. Do not move your finger while you are touching the display.

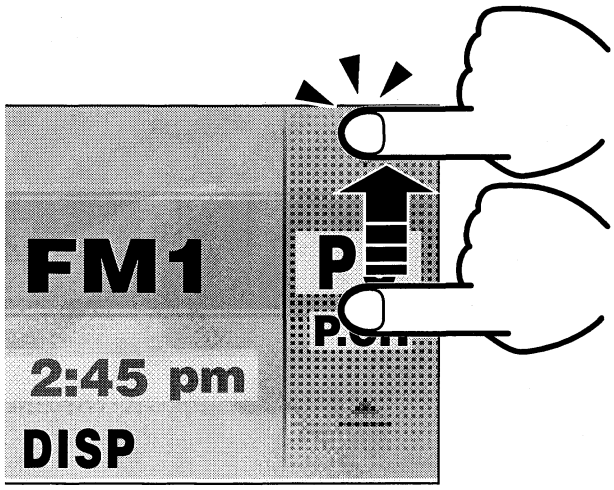
Touch ↑ ↓

Touch the display with your fingertip, and move your finger to the up (↑) or down (↓) with your fingertip still touching the display, and take your fingertip away within 1 second. This operation is used, for example, selecting tracks or discs.



Touch ↑ ↓

Touch the display with your fingertip, and move your finger to the up (↑) or down (↓) with your fingertip still touching the display, and keep your fingertip on the display. The current operation continues for the time your fingertip is held on the display. This operation is used, for example, for fast-forwarding/fast-rewinding tracks.



English

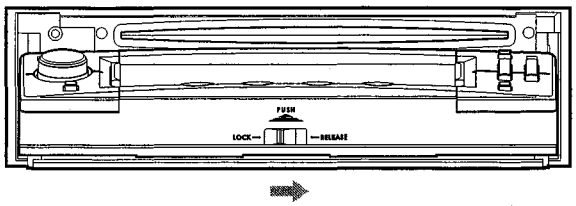
5. DCP

The control panel can be detached to prevent theft. When detaching the control panel, store it in the DCP (DETACHABLE CONTROL PANEL) case to prevent scratches.

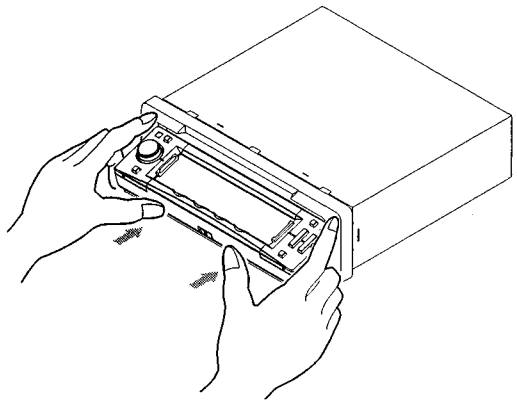
We recommend taking the DCP with you when leaving the car.

Removing the DCP

1. Press the [⏏] button to open the DCP.
2. Move the DCP detaching slider to the "**RELEASE**" side.



3. Push and slide the DCP upward to remove.



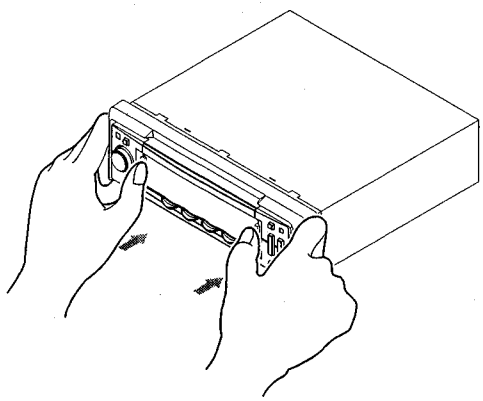
* The SLOPING CONSOLE without DCP closes automatically in a few seconds.

⚠ CAUTION

- **Do not try to remove or attach while driving.**
- **The DCP can easily be damaged by shocks. After removing it, be careful not to drop it or subject it to strong shocks.**
- **If you purchased a replacement DCP, an electrical adjustment is necessary. This adjustment requires technical knowledge. Please consult Clarion service or a Clarion service station.**

Attaching the DCP

1. Place the DCP to the SLOPING CONSOLE, adjusting the metal connecters on DCP and the SLOPING CONSOLE.
2. Press the DCP until it clicks into the SLOPING CONSOLE.



* The DCP display lights and is ready to use.

3. Move the DCP detaching slider to the "**LOCK**" side.

⚠ CAUTION

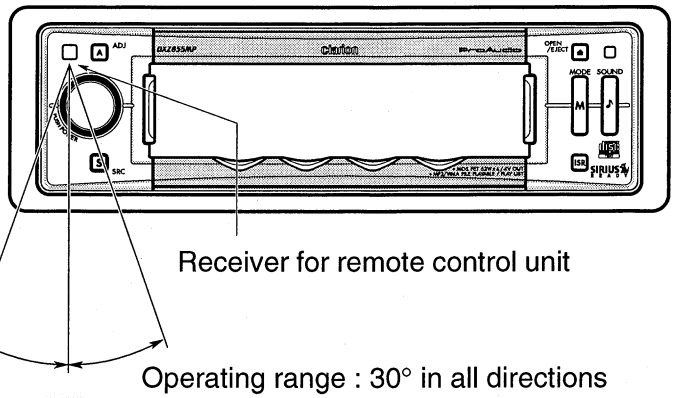
- **If the slider is on the [RELEASE] side and the DCP is not locked into place, it may fall out from vibration of the car. This can break the DCP, so after removing it, either firmly reattach it on the unit or put it in its DCP case.**
- **The connector connecting the unit and the DCP is an extremely important part. Be careful not to damage it by pressing on it with fingernails, screwdrivers, etc.**

Note:

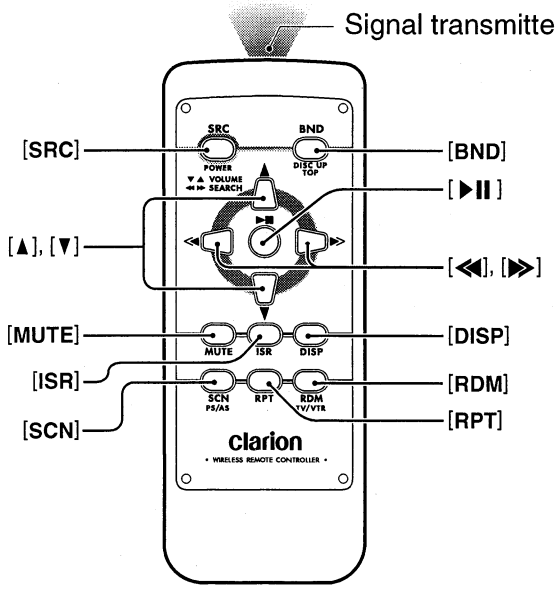
- *If the DCP is dirty, wipe off the dirt with a soft, dry cloth only.*

6. REMOTE CONTROL

English

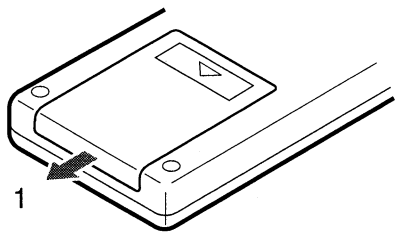


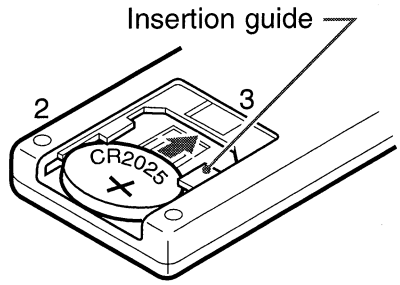
Remote control unit



Inserting the Battery

1. Turn over the remote control unit and slide the cover in the direction indicated by the arrow in the illustration.
2. Insert the battery (CR2025) into the insertion guides, with the printed side (+) facing upwards.
3. Press the battery in the direction indicated by the arrow so that it slides into the compartment.
4. Replace the cover and slide in until it clicks into place.





Notes:

Misuse may result in rupture of the battery, producing leakage of fluid and resulting in personal injury or damage to surrounding materials. Always follow these safety precautions:

- *Use only the designated battery .*
- *When replacing the battery, insert properly, with +/- polarities oriented correctly.*
- *Do not subject battery to heat, or dispose of in fire or water. Do not attempt to disassemble the battery.*
- *Dispose of used batteries properly.*

English

Functions of the Remote Control Unit Buttons

Mode / Button	Radio/SIRIUS	CD/MP3/WMA	CD changer DVD changer	TV
[SRC]	Switches among radio, SIRIUS tuner, CD/MP3/WMA, CD changer, DVD changer, TV and AUX.			
[BND]	Switches reception band.	Returns to the first track.	Moves the next disc in increasing order.	Switches reception band.
[▲], [▼]	Increases and decreases volume (in all modes).			
[◀◀], [▶▶]	Moves preset channels up and down.	Moves tracks up and down. When pressed and held for 1 second or longer: Fast-forward/fast-rewind.		Moves preset channels up and down.
[▶II]	No function.	Switches between playback and pause.		No function.
[MUTE]	Turns mute on and off.			
[ISR]	Recalls ISR radio station in memory. When pressed and held for 2 seconds or longer: Stores current station into ISR memory (radio mode only).			
[DISP]	Switches between the title display and the spectrum analyzer display.			
[SCN]	Preset scan. When pressed and held for 2 seconds or longer: Auto store.	Scan play. When pressed and held for 1 second or longer: Folder scan play (MP3/WMA disc).	Scan play. When pressed and held for 1 second or longer: Disc scan play.	Preset scan. When pressed and held for 2 seconds or longer: Auto store.
[RPT]	No function.	Repeat play. When pressed and held for 1 second or longer: Folder repeat play (MP3/WMA disc).	Repeat play. When pressed and held for 1 second or longer: Disc repeat play.	No function.
[RDM]	No function.	Random play. When pressed and held for 1 second or longer: Folder random play (MP3/WMA disc).	Random play. When pressed and held for 1 second or longer: Disc random play.	Switches between TV and VTR.

* Some of the corresponding buttons on the source unit and remote control unit have different functions.

7. OPERATIONS

Basic Operations

⚠ CAUTION

Be sure to lower the volume before switching the unit off or the ignition key. The unit remembers its last volume setting. If you switch the power OFF with the volume up, when you switch the power back ON, the sudden loud volume may hurt your hearing and damage the unit.

Turning ON/OFF the power

Turning on

Note:

- *Be careful when using this unit for a long time without running the engine. If you drain the car's battery too far, you may not be able to start the engine and this can reduce the service life of the battery.*

1. Press the [**ROTARY**] knob.
   The mode that was previously active is displayed.

Turning off

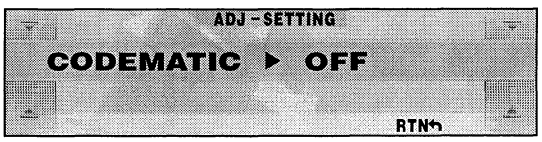
1. Press the [**ROTARY**] knob.
   * The clock will stay displayed after the power is turned OFF.

■ To turn off the clock display

Touch the clock to turn off the clock display while the power is off.

CODEMATIC function

When "**CODEMATIC**" is set to "**ON**", and the power is turned ON with the DCP attached, the Touch Code display appears. Touch the display in the order that was set in the adjust mode.



For details on the CODEMATIC function, see "**Using the security function**" (cf. page 34).

Selecting a mode

1. Press the [**SRC**] button to change the operation mode.
2. Each time you press the [**SRC**] button, the operation mode changes in the following order:
   Radio ➜ (SIRIUS) ➜ CD/MP3 ➜ (CD changer) ➜ (DVD changer) ➜ (TV) ➜ AUX ➜ Radio...

   * External equipment not connected with CeNET is not displayed.

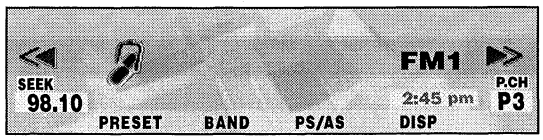
Adjusting the volume

1. Turning the [**ROTARY**] knob clockwise increases the volume; turning it counterclockwise decreases the volume.
   * The volume level is from 0 (minimum) to 33 (maximum).

Switching the operation display mode

There are 2 basic operation displays: standard operation display and simple operation display.

1. Press and hold the [**MODE**] button for 2 seconds or longer to switch the operation display.



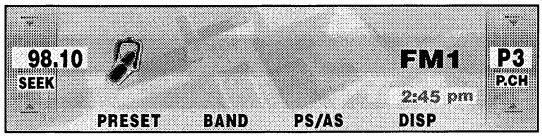
In the simple operation display, the operations of touching ↑ ↓ in the radio or CD mode display screen are not required.

Descriptions given in this manual are mainly for the standard operation display. For descriptions for operations in the simple operation display, refer to the descriptions for the screen displays in the radio mode or the CD mode.

English

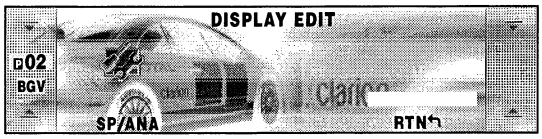
Switching the background

1. Touch [**DISP**].



* DISPLAY EDIT screen displays.

2. Touch ▲ ▼ on the left of the display to choose the background.



* The background includes 12 wallpaper images and 2 motion pictures.
* Choose [**SCAN**] to automatically display all the wallpaper.

● **Background**

M01: WRC
M02: Landscape
P01: Car and Checker Flag
P02: 307WRC from Two View Points
P03: Rally Driver
P04: Driving Scene
P05: Cube
P06: Bubble
P07: Speaker
P08: Digital Image1 (Disc media)
P09: Digital Image2 (Broadcast media such as satellite)
P10: Mixer
P11: Record Player
P12: Meter

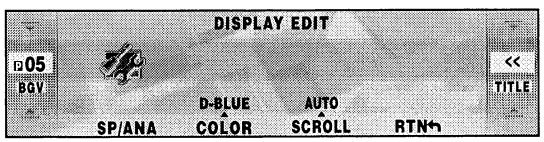
3. Touch [**RTN**].

■ To change wallpaper color

You can change the colors of the wallpaper (from P05 to P12).

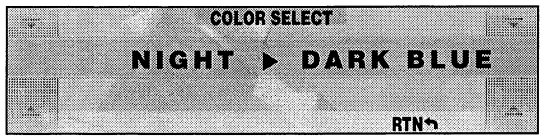
- It can be set to both "**DAY**" mode and "**NIGHT**" mode.

1. Touch [**DISP**].
2. Touch [**COLOR**].



* The [**COLOR**] is displayed only when you choose wallpaper from P05 to P12.

3. Touch ▲ ▼ on the left of the display to select [**DAY**] or [**NIGHT**].



4. Touch ▲ ▼ on the right of the display to select the color to set.

● **COLOR**

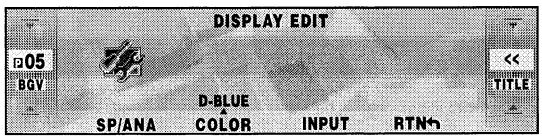
- DARK BLUE
- IVORY
- WINE RED
- LIGHT BLUE
- GREEN

Adjusting the spectrum analyzer

1. Touch [**DISP**].

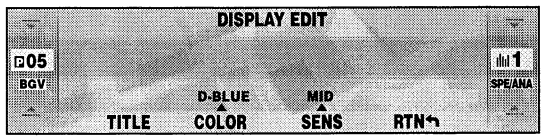
* Display edit mode appears.

2. Touch [**SP/ANA**].



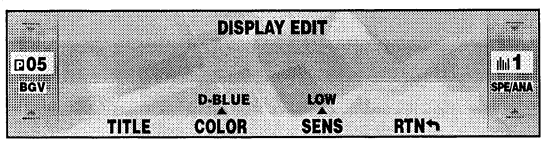
* The display shows the spectrum analyzer mode.

3. Touch ▲ ▼ on the right of the display to select the spectrum analyzer to set.



- You can choose from four types.
- When [**SCAN**] is selected, each of them is displayed for about 10 seconds.

4. Touch [**SENS**] to select the sensitivity.



- You can choose from [**HIGH**], [**MID**], or [**LOW**].

5. Touch [**RTN**].

English

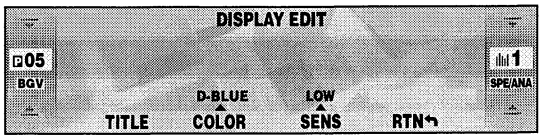
Switching the title display

You can display stored information such as disc titles or track titles when playing back music in CD or CD changer mode.

1. Touch [**DISP**] while a title is shown.

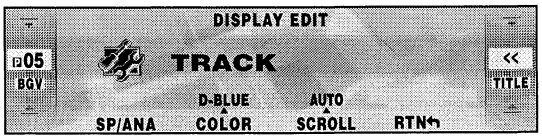
   * Display edit mode appears.

2. Touch [**TITLE**].



   * Title edit mode appears.

3. Touch ▲ ▼ on the right of the display to choose the kind of title to show.



   * The title you have chosen is displayed. If it is too long to fit into the display, it automatically scrolls.

4. Touch [**SCROLL**].
   - Select [**AUTO**] to scroll the title repeatedly.
   - Select [**ONCE**] to scroll the title only once.

Notes:

- *You cannot set the scroll options in User title mode.*

5. Touch [**RTN**].

   ●CD mode (MP3/WMA)

   Folder title (when using a folder) ➜ Play list (when using a play list) ➜ Track title ➜ Album TAG ➜ Artist TAG ➜ Title TAG ➜ Folder title (when using a folder)...

Notes:

- *MP3 supports ID3 Tags V2.3 / 2.2 / 1.1 / 1.0.*
- *Tag displays give priority to V2.3 / 2.2.*
- *In the case of album Tags for WMA, the information written into the extension header is displayed.*
- *Only ASCII characters can be displayed in Tags.*

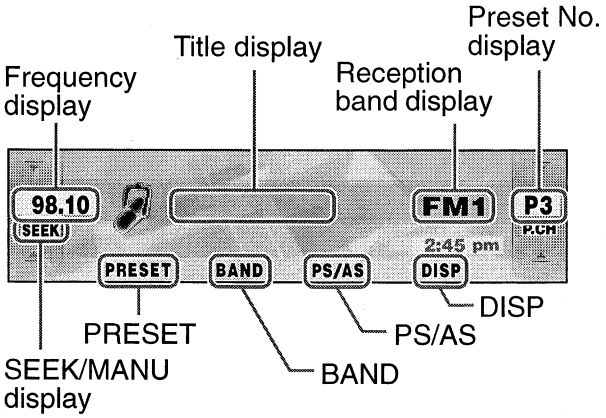
Radio Operations

FM reception

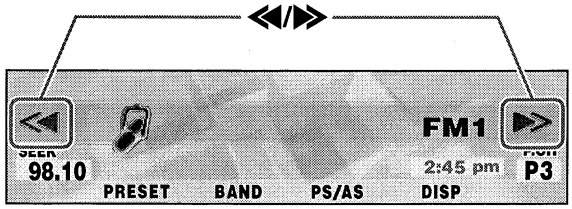
For enhanced FM performance, the MAGI-TUNE® tuner includes signal actuated stereo control, Enhanced Multi AGC, Impulse noise reduction circuits and Multipath noise reduction circuits.

Screen displays in the radio mode

● **Standard operation display**
The standard operation display appears by pressing the [**SRC**] button and selecting the radio mode.



● **Simple operation display**
Pressing and holding the [**MODE**] button for 2 seconds or longer switches the simple operation display.



Frequency display
The frequency currently being received is displayed.
Touching ↑ or ↑ on the left slide button in the standard operation display allows you to perform seek tuning or manual tuning.

Preset No. display
Touching ↑ ↓ on the right slide button in the standard operation display selects a preset memory.

Title display
Displays the name of the broadcast channel currently being received.

Reception band display
AM: AM band name
FM1: FM band name

PRESET
Touching this displays a preset memory No. list.

BAND
Touching this switches the reception band.
Touching and holding this for 1 second or longer switches between the manual tuning mode and the seek tuning mode.

PS/AS
Touching this starts a preset scan.
Touching and holding this for 2 seconds or longer starts an auto store.
Touching this during the preset scan/auto scan ends the operation.

DISP
The display contents can be changed.

◀◀/▶▶ (only in the simple operation display)
Touching these enables seek tuning or step tuning (in the manual tuning mode).
Touching and holding these enables quick tuning (in the manual tuning mode).

Listening to the radio

1. Press the [**SRC**] button to select the radio mode.
   Each press of the [**SRC**] button switches the mode as follows:
   Radio → (SIRIUS) → CD/MP3 → (CD Changer) → (DVD Changer) → (TV) → AUX → Radio...
   * The mode of equipment that is not connected is not displayed.
2. Touch [**BAND**] to switch the reception band.
   Each touch of [**BAND**] switches the reception band as follows:
   FM1 → FM2 → FM3 → AM → FM1...

Tuning

There are 3 types of tuning mode available, seek tuning, manual tuning and preset tuning.

Seek tuning

Seek tuning is a function for automatically tuning stations with good reception.

1. Touch and hold [**BAND**] for 1 second or longer if "**MANU**" is displayed.
   Automatic tuning is possible when "**SEEK**" is displayed.
2. Touch ↑ ↓ on the frequency display.
   "**SEEK UP**"/"**SEEK DOWN**" is displayed, and tuning starts.
   Tuning automatically stops at stations with good reception.

■ To cancel tuning

1. Touch ↑ ↓ on the frequency display again.

Manual tuning

There are 2 ways available: quick tuning and step tuning.

In the step tuning mode, the frequency changes 1 step at a time. In the quick tuning mode, you can quickly tune the desired frequency.

1. Touch and hold [**BAND**] for 1 second or longer if "**SEEK**" is displayed.
   Manual tuning is possible when "**MANU**" is displayed.
2. Operate the frequency display to tune to a frequency on which there is a broadcast.

● Step tuning
Touch ↑ ↓ on the frequency display.

● Quick tuning
Touch ↑ ↓ on the frequency display. Tuning stops when you take your finger away from the panel.

Recalling a preset station

Recalling a preset station is a function for tuning pre-stored stations.

1. Touch [**PRESET**].
   The preset memory No. list is displayed.
2. Touch the preset memory No.
   * In the standard operation display, preset No. can also be tuned by touching ↑ ↓.

■ To cancel tuning

1. Touch [**RTN**].

Preset memory

A total of 24 preset positions (6-FM1, 6-FM2, 6-FM3, 6-AM) exists to store individual radio stations in memory.

1. Touch [**BAND**] to switch the reception band.
2. Operate the frequency display to tune to a frequency to store.
3. Touch [**PRESET**].
   The preset memory No. list is displayed.
4. Touch and hold the preset No. to store the station to for 2 seconds or longer.
   You will hear a long beep, and the station is stored in memory.

Auto store

Auto store is a function for storing up to 6 stations that are automatically tuned in sequentially.

1. Touch and hold [**PS/AS**] for 2 seconds or longer.
   "**A-STORE**" is displayed.
   * Stations with good reception are automatically searched, and are stored to preset memory (No.1 to No.6) in order from the station having the lowest frequency.

Notes:

- *When auto store is performed, stations stored to memory so far are cleared.*
- *When there are fewer than 6 stations with good reception, low frequencies are automatically returned to, and auto store is performed again. If there are fewer than 6 stations even after auto store is performed twice, stations stored so far remain in memory.*

Preset scan

Preset scan is a function for receiving stations in the order that they are currently stored to preset No. so that broadcasts can be checked.

1. Touch [**PS/AS**].
   "**P-SCAN**" is displayed.
   * The currently stored stations are received in order for 7 seconds or longer each. Stations with poor reception are skipped, and the next station is received.

English

■ To cancel preset scan

1. Touch [**PS/AS**].
   "**P-SCAN**" display disappears and the stations that were being received when [**PS/AS**] was touched are received next.

Instant station recall (ISR)

Instant station recall is a special radio preset that instantly accesses a favorite radio station at a touch of a button. The ISR function even operates with the unit in other modes.

- The factory default setting is "**FM87.9MHz**".

1. Press the [**ISR**] button.
   "**ISR**" appears on the display.

■ To return to the previous mode

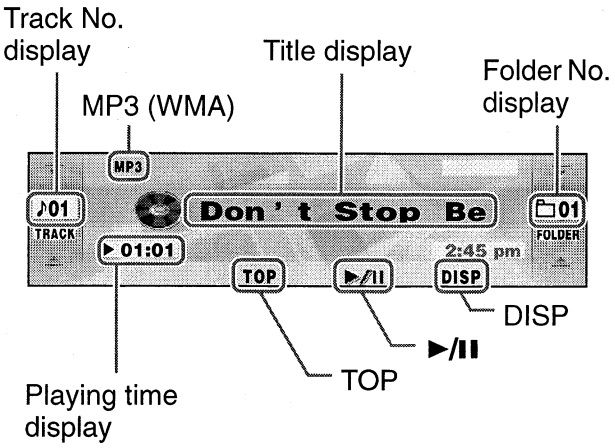
Press the [**ISR**] button again or press the [**SRC**] button.

■ To store the station to "ISR"

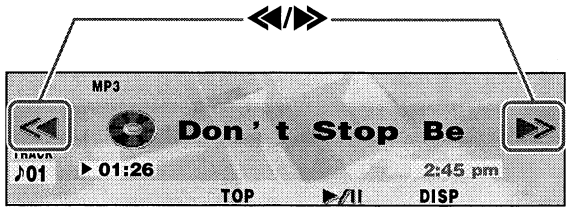
In the radio mode, tune the station to store, and press and hold the [**ISR**] button for 2 seconds or longer.
You will hear a long beep, and the station currently being received is stored to ISR.

Screen displays in the CD/ MP3 mode

● Standard operation display
The standard operation display appears by pressing the [**SRC**] button to select the CD/MP3 mode.



● Simple operation display
Pressing and holding the [**MODE**] button for 2 seconds or longer switches the simple operation display.



Playing time display
▶00: 01: The playing time is displayed.

Track No. display
If ↑ or ↑ or ↓ is touched, you can select the track to play, or fast-forward or fast-rewind tracks.

Title display
The selected title is displayed.

Folder No. display (in the case of MP3/WMA)
Touching ↑ ↓ selects folders.

TOP
Touching this starts play from the track at the top of the disc or folder being played.

▶/II
Touching this pauses or resumes play.

DISP
The display contents can be changed.

◀◀/▶▶ (only in the simple operation display)
Touching these buttons selects the track to play. Touching and holding these buttons fast-forwards or fast-rewinds tracks.

/ (Appears only in MP3/WMA discs and the simple operation display)
Touching these buttons selects the folder to play.

MP3/WMA

What is MP3?

MP3 is an audio compression method and classified into audio layer 3 of MPEG standards. This audio compression method has penetrated into PC users and become a standard format.

This MP3 features the original audio data compression to about 10 percent of its initial size with a high sound quality. This means about 10 music CDs can be recorded on a CD-R disc or CD-RW disc to allow a long listening time without having to change CDs.

What is WMA?

WMA is the abbreviation of Windows Media Audio, an audio file format developed by Microsoft Corporation.

Notes:

- *If you play a file with DRM (Digital Rights Management) for WMA remaining ON, no audio is output. (The DRM indicator blinks.)*
- *Windows Media™, and the Windows® logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.*

● To disable DRM (Digital Rights Management):

1. When using Windows Media Player 8, click on TOOLS ➜ OPTIONS ➜ COPY MUSIC tab, then under COPY SETTINGS, unclick the check box for PROTECT CONTENT. Then, reconstruct files.
2. When using Windows Media Player 9, click on TOOL ➜ OPTIONS ➜ MUSIC RECORD tab, then under Recording settings, unclick the Check box for RECORD PROTECTED MUSIC. Then, reconstruct files.
   Personally constructed WMA files are used at your own responsibility.

English

Precautions when creating MP3/WMA disc

● **Usable sampling rates and bit rates:**

1. MP3: Sampling rate 11.025 kHz-48 kHz, Bit rate: 8 kbps-320 kbps / VBR
2. WMA: Bit rate 48 kbps-192 kbps

● **File extensions**

1. Always add a file extension "**.MP3**" or "**.WMA**" to MP3 or WMA file by using single byte letters. If you add a file extension other than specified or forget to add the file extension, the file cannot be played.
2. Files without MP3/WMA data will not play. The indication "—:—" appears in the play time display if you attempt to play files without MP3/WMA data.

● **Logical format (File system)**

1. When writing MP3/WMA file on a CD-R disc or CD-RW disc, please select "**ISO9660 level 1, 2 or JOLIET or Romeo**" as the writing software format. Normal play may not be possible if the disc is recorded on another format.
2. The folder name and file name can be displayed as the title during MP3/WMA play but the title must be within 128 single byte alphabetical letters and numerals (including an extension).
3. Do not affix a name to a file inside a folder having the same name.

● **Folder structure**

1. A disc with a folder having more than 8 hierarchical levels will be impossible.

● **Number of files or folders**

1. Up to 255 files can be recognized per folder. Up to 500 files can be played.
2. Tracks are played in the order that they were recorded onto a disc. (Tracks might not always be played in the order displayed on the PC.)
3. Some noise may occur depending on the type of encoder software used while recording.

Multisession function

When a disc contains both CD-DA and MP3/WMA type tracks mixedly, you can select which type of the recorded tracks to play.

● **Default value is "CD".**

1. Press the [**MODE**] button.
2. Touch [◀]/[▶] to go to the next page.
3. Touch [**MULTI SESS**]. Each touch of [**MULTI SESS**] toggles the MULTI SESS display between "**CD**" (play CD-DA) or "**MP3/WMA**" (play MP3/WMA).

Disc \ Setting	Set to CD	Set to MP3/WMA
Mixed with CD and MP3/WMA type tracks	Play CD	Play MP3/WMA
CD-DA	Play CD	Play CD
MP3/WMA disc	Play MP3/WMA	Play MP3/WMA

* The multi-session selection setting is reflected the next time you load a CD.

Note:

- *When playing a CCCD (Copy Control CD), set the setting to CD type. When this is set to MP3/WMA type, the CD cannot be played normally in some cases.*

Disc-In-Play function

As long as the ignition key is turned to the ON or ACC position, this function allows you to turn the power to the unit and start playing the disc automatically when the disc is inserted even if the power is not turned on.

Loading a CD

1. Press the [⏏] button. The control panel opens.
2. Insert the disc into the CD SLOT. When the disc is loaded, the control panel automatically closes after several seconds, and play starts.

Notes:

- *Never insert foreign objects into the CD SLOT.*
- *If the CD does not insert easily, there may be another CD in the mechanism or the unit may require service.*
- *Discs not bearing the* *or* *mark and CD-ROMs cannot be played by this unit.*
- *Some CDs recorded in the CD-R/CD-RW mode may not be usable.*

Loading 8 cm compact discs

* No adapter is required to play an 8 cm CD.
* Insert the 8 cm CD into the center of the CD SLOT.

Backup eject function

You can eject a disc by pressing the [⏏] button even if the engine key or ACC is at the OFF position.

⚠ CAUTION

When the disc is ejected, press the [⏏] button to close the control panel. If the control panel is left open, you will hear a double beep, and the control panel automatically closes.

1. Press the [⏏] button.
   The control panel opens.
2. Press the [⏏] button.
   The disc is ejected.

Note:

- *Always close the SLOPING CONSOLE after opening it or ejecting the CD.*

⚠ CAUTION

- **Be careful not to catch your hand or fingers while closing the SLOPING CONSOLE.**
- **Do not try to put your hand or fingers in the disc insertion slot. Also never insert foreign objects into the slot.**
- **Do not insert discs where adhesive comes out from cellophane tape or a rental CD label, or discs with marks where cellophane tape or rental CD labels were removed. It may be impossible to extract these discs from the unit and they may cause the unit to break down.**

Listening to a disc already loaded in the unit

1. Press the [**SRC**] button to select the CD/MP3 mode.
   * Play automatically starts when the mode changes to the CD/MP3 mode.

Pausing play

1. Touch [**►/❚❚**].

■ To resume play

1. Touch [**►/❚❚**] again.

Selecting a track

When a CD-R/CD-RW recorded with an MP3 file or a WMA file is loaded, you can select only tracks recorded to the same folder by touching ↑ ↓ on the track display.

1. To listen to the next track, touch ↑ on the track display.
2. To listen to the previous track, touch ↓ twice on the track display.
   Touching ↑ plays the next track. If you touch ↑ more times, the track advances ahead to the track for the number of times you touched ↑ and that track is played.
   Touching ↓ plays the previous track. If you touch ↓ more times, the track moves back to the track for the number of times you touched ↓ and that track is played.
   * If you touch ↓ twice on the track display while the start of the track is being played, the track 2 tracks back is sometimes played.

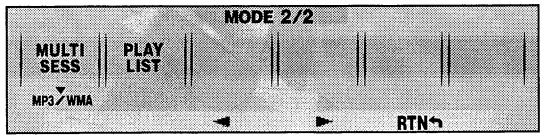
■ To select a folder

To select a different folder, touch ↑ ↓ on the folder display on the right.

Play list mode

This function allows you to play tracks, up to latest 5 time stamps, by reading the play list information written on the disc.

1. Press the [**MODE**] button.
2. Touch [◀]/[▶] to go to the next page.
3. Touch [**PLAY LIST**].



The operation of selecting the play list or tracks in the play list is the same as that of selecting a folder or tracks in a folder.

* Play list play is possible only when there is a file whose extension is "**.M3U**" on the CD-R/RW.
* Up to 5 play lists can be recognized, and up to 255 files can be recognized per play list.

■ Stopping play of play list

1. Press the [**MODE**] button.

English

2. Touch [◀]/[▶] to go to the next page.
3. Touch [**PLAY LIST**].

Notes:

- *The SCN/RPT/RDM functions cannot be used while in the play list mode.*
- *The title changes from folder name to play list name.*

Making a play list

1. Write desired tracks to a CD-R/RW, etc. Be sure to use alphanumeric/ASCII characters for all file names.
2. Make a play list by using a multimedia player, etc. and save the data. The file format must be M3U.
3. Again, write this play list to the CD-R/RW, etc.

Notes:

- *When writing to a CD-R/RW, etc., be sure to use alphanumeric/ASCII characters.*
- *Up to 5 layers can be recognized as a list. For written play lists, latest 5 lists are recognized in the order in which they are written.*
- *When writing to a CD-R/RW, etc., turn off the Disc At Once function.*
- *When adding a play list, it is recommended to write it in the "**Root**" folder.*

Fast-forward/fast-rewind

1. To fast-forward, touch ⏩ on the track display.
2. To fast-rewind, touch ⏪ on the track display.

Top function

The top function resets the CD player to the first track of the disc.

1. Touch [**TOP**].
   Play starts from the first track (track No.1).

Scan play

This function allows you to locate and play the first 10 seconds of all the tracks recorded on a disc.

1. Press the [**MODE**] button.
2. Touch [**TRACK SCAN**].
   * Scan play starts from the next track after the track currently being played.

■ To cancel scan play

1. Press the [**MODE**] button.

Folder scan play

This function allows you to locate and play the first 10 seconds of the first track of all the folders recorders on a disc.

1. Press the [**MODE**] button.
2. Touch [**FOLDER SCAN**].
   * Folder scan play starts from the folder following the folder that is playing.

■ To cancel folder scan play

1. Press the [**MODE**] button.

Repeat play

This function allows you to play the current track repeatedly.

1. Press the [**MODE**] button.
2. Touch [**TRACK RPT**].

■ To cancel repeat play

1. Press the [**MODE**] button.

Folder repeat play

This function allows you to play the current folder repeatedly.

1. Press the [**MODE**] button.
2. Touch [**FOLDER RPT**].

■ To cancel folder repeat play

1. Press the [**MODE**] button.

Random play

This function allows you to play all tracks on the disc at random.
When the disc contains 2 or more folders, all of the tracks in the folder are played at random, followed by all of the tracks in the next folder. This is repeated for all folders.

1. Press the [**MODE**] button.
2. Touch [**TRACK RDM**].

■ To cancel random play

1. Press the [**MODE**] button.

Folder random play

This function allows you to play all folders on the disc at random.

1. Press the [**MODE**] button.
2. Touch [**FOLDER RDM**].

■ To cancel folder random play

1. Press the [**MODE**] button.

Sound Adjustment

Adjustment items

You can adjust a sound effect or tone quality to your preference.

Anti Distortion Filter (ADF) ..... Page 24
MAGNA BASS EXTEND ..... Page 24
Sub-woofer speaker volume (SW VOLUME) ..... Page 25
Bass setting (BASS) ..... Page 25
Treble setting (TREBLE) ..... Page 25
Balance (BALANCE) ..... Page 25
Fader (FADER) ..... Page 25
Filter (FILTER) ..... Page 26

Setting the ADF

- ADF is the abbreviation of Anti Distortion Filter.

The adopted "**Liveliness Enhancement Filter**" and "**Sound Tone Compensation**" functions allow well-modulated realistic playback without affecting the characteristics of the original sound tone.

This unit is provided with 4 types of sound tone effects stored in memory. Select the one you prefer.

ADF-1 : Suitable for genuine speakers

ADF-2 : Suitable for separate speakers

ADF-3 : Suitable for co-axial speakers

USER : This setting can be adjusted by the user to his or her individual preference.

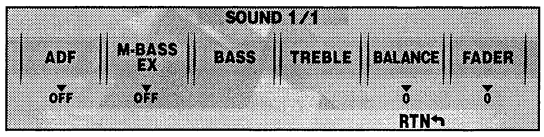
OFF : No sound effect

- The factory default setting is "**OFF**".

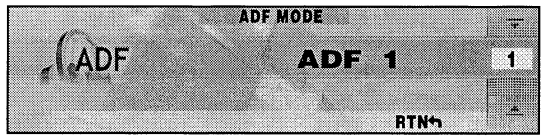
Notes:

- *As the volume changes when ADF is switched, switch ADF with the volume and "**SW VOLUME**" (sub-woofer) turned down as far as possible.*

1. Press the [**SOUND**] button.
2. Touch [**ADF**].



3. Touch ↑ ↓ on the right of the display to select the ADF mode.



   * Select one of "**USER**", "**1**", "**2**", "**3**", or "**OFF**".
4. To change the details of the ADF setting, press the [**ADJ**] button.
5. Touch ↑ ↓ on the left of the display to select the desired item.
   Each touch of ↑ ↓ switches the adjustment item display as follows:
   - **Adjustment item (when USER is selected in step 3)**

     BASS → TREBLE → COMP → BASS...
   - **Adjustment item (when 1 to 3 is selected in step 3)**

     LEVEL → COMP → LEVEL...
6. Touch ↑ ↓ on the right of the display to adjust the item.
   * "**BASS**" and "**TREBLE**" can be adjusted within the range 1 to 13.
   * "**LEVEL**" can be adjusted within the range -3 to +3.
   * Select either "**ON**" or "**OFF**" for "**COMP**".
7. Press the [**SOUND**] button to return to the original mode.

Setting MAGNA BASS EXTEND

The MAGNA BASS EXTEND does not adjust the low frequencies like the normal sound adjustment function, but emphasizes the deep bass frequencies to provide you with a dynamic sound.

- The factory default setting is "**OFF**".

1. Press the [**SOUND**] button.
2. Touch [**M-BASS EX**] to select "**ON**" or "**OFF**".
   * Each time you touch [**M-BASS EX**], the adjustment item changes as following order:

   OFF → ON → OFF...
3. Press the [**SOUND**] button to return to the original mode.

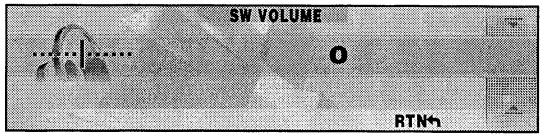
English

Note:
*When "**1**", "**2**", "**3**", or "**USER**" is selected for ADF (Anti Distortion Filter), setting of MAGNA BASS EX cannot be performed.*

Adjusting the sub-woofer

- "**SW VOLUME**" (sub-woofer) can be adjusted only when the "**SUB-WOOFER**" is set to "**ON**" (cf. page 32).
- The factory default setting for **SW VOLUME** is "**0**".

1. Press the [**SOUND**] button.
2. Touch [**SW VOLUME**].



3. Touch ↑ ↓ on the right of the display and adjust the item as desired.
   * This item can be adjusted within the range -5 to +5.
4. Press the [**SOUND**] button to return to the original mode.

Adjusting the bass (Gain, Frequency, Q-curve)

This adjustment can only be performed when the ADF (Anti Distortion Filter) is set to "**OFF**".

1. Press the [**SOUND**] button.
2. Touch [**BASS**].
3. Touch ↑ ↓ on the left of the display to select the item.

   Each touch of ↑ ↓ switches the adjustment items as follows:
   GAIN → FREQUENCY → Q → GAIN...
4. Touch ↑ ↓ on the right of the display to adjust the setting.
   * The factory default setting for "**GAIN**" is "**0**". (Adjustment range: -6 to +8)
   * The factory default setting for "**FREQUENCY**" is "**50**". (Adjustment 50/80/120Hz)
   * The factory default setting for "**Q**" is "**1**". (Adjustment 1/1.25/1.5/2)
5. When the adjustment is complete, press the [**SOUND**] button to return to the original mode.

Adjusting the treble (Gain, Frequency)

This adjustment can only be performed when the ADF (Anti Distortion Filter) is set to "**OFF**".

1. Press the [**SOUND**] button.
2. Touch [**TREBLE**].
3. Touch ↑ ↓ on the left of the display to select the item.

   Each touch of ↑ ↓ switches the adjustment items as follows:
   GAIN → FREQUENCY → GAIN...
4. Touch ↑ ↓ on the right of the display to adjust the setting.
   * The factory default setting for "**GAIN**" is "**0**". (Adjustment range: -6 to +6)
   * The factory default setting for "**FREQUENCY**" is "**12k**". (Adjustment 8kHz/12kHz)
5. When the adjustment is complete, press the [**SOUND**] button to return to the original mode.

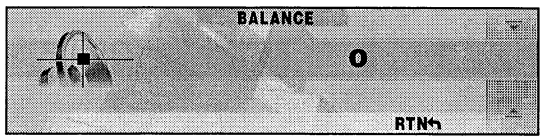
Adjusting balance/fader

BALANCE:
Adjusts the volume balance between the left and right speakers.

FADER:
Adjusts the volume balance between the front and rear speakers.

- The factory default setting for **BALANCE** is "**0**" and for **FADER** is "**0**".

1. Press the [**SOUND**] button.
2. Touch [**BALANCE**] or [**FADER**].



3. Touch ↑ ↓ on the right of the display and adjust the item as desired.
   * "**BALANCE**" can be adjusted within the range L13 (left side emphasized) and R13 (right side emphasized).
   * "**FADER**" can be adjusted within the range R12 (rear side emphasized) and F12 (front side emphasized).
4. Press the [**SOUND**] button to return to the original mode.

English

Adjusting the filter frequency

Filter frequency

You can set a filter frequency value best suited for your speakers.

* This item can be adjusted only when "**SUB-WOOFER**" is set to "**ON**".
- The factory default setting for **FILTER** is "**THROUGH**".

Filter adjustment

● **SUB-W LPF (Subwoofer Low-Pass Filter) adjustment**

This filter cuts the signals above the selected frequency value.
Each touch switches the frequency value as follows:

THROUGH → 50Hz → 80Hz → 120Hz → THROUGH...

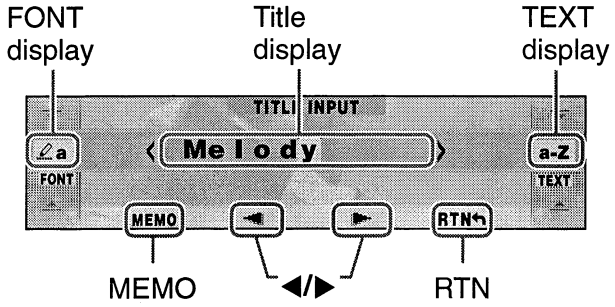
Select the frequency that suits your subwoofer. Set to "**THROUGH**" if you use powered subwoofers with built-in low-pass filters.

1. Press the [**SOUND**] button.
2. Touch [**FILTER**].
3. Touch ▲ ▼ on the right of the display to select the frequency value.
   - Select from THROUGH, 50Hz, 80Hz, or 120Hz.
4. Press the [**SOUND**] button to return to the original mode.

English

Screen display in the TITLE INPUT

The "**TITLE INPUT**" screen appears when you enter a title.



FONT display

A : Capital alphabet letters

a : Small alphabet letters

1 : Numbers

♪ : Symbols

Ā : Umlaut

Title display

The currently entered title is displayed.

TEXT display

Touch ↑ ☜ ↓ to select the character to enter.

◀/▶

Touching these buttons moves the cursor indicating input position.

RTN

Touching this cancels entry of titles, and returns the display to the original screen.

MEMO

Touching this stores the title that was input, and returns the display to the original screen.

Entering titles

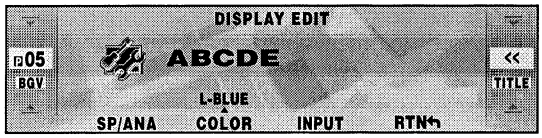
You can give radio/TV stations and CDs a title up to 10 characters long. These titles can be displayed when broadcasts are received or when playing CDs.

The number of titles that can be entered is as follows:

Mode	Number of titles
CD mode	50 titles
TV mode	20 titles
Radio mode	30 titles

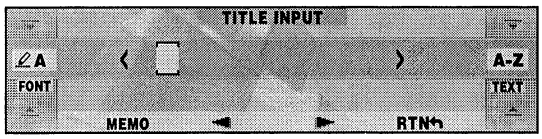
CD changer mode	Number of titles
DCZ625 connected	100 titles
CDC655Tz connected	100 titles
CDC1255z connected	50 titles

1. Either receive the radio or TV station, or play a CD for which you want to enter the title.
2. Touch [**DISP**].
3. Touch [**INPUT**].



The TITLE INPUT screen appears.

4. Touch [◀]/[▶] to move the cursor to indicate the input position.



* Up to ten characters can be input.

⚠ CAUTION

Pressing the reset button clears all user memories such as titles stored on this unit.

5. Touch ↑ ☜ ↓ on [**FONT**] to select the type of text.
   Each touch of ↑ ☜ ↓ switches the type of text as follows:
   Capital alphabet letters
   (space) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
   Small alphabet letters
   a b c d e f g h i j k l m n o p q r s t u v w x y z
   Numbers
   0 1 2 3 4 5 6 7 8 9
   Symbols
   . , ' : ; ! ? α * # $ % & ¥ + − × / =( )<>
   " → ← ↑ ↓ ♪ ♪ ♪ ♭ ♯
   Umlaut
   Å Ä Ë É E Ê Ï Æ Ø å ä ë é e ê ï ö ü æ ø
6. Touch ↑ ☜ ↓ on [**TEXT**] to determine the characters to enter.
7. Repeat steps 4 to 6 to enter the title.
8. Touch [**MEMO**].
   You will hear a long beep, and the title is stored in memory.

English

■ When a new title is stored beyond the maximum number of titles

In the case of a radio or TV station
Titles not stored to preset channels and ISR (radio stations only) are automatically cleared, and the new title is stored in memory.

In the case of a CD
Titles of CDs that have been played the least are cleared, and the new title is stored in memory.

Clearing titles

1. Either receive the radio or TV station, or play a CD whose title you want to clear.
2. Touch [**DISP**].
3. Touch [**INPUT**].
4. Touch and hold [**RTN**] for 2 seconds or longer to erase the title.
5. Touch [**MEMO**].
   * Erasing is performed by overwriting with a blank title.

Triggered audio mute for cellular telephones

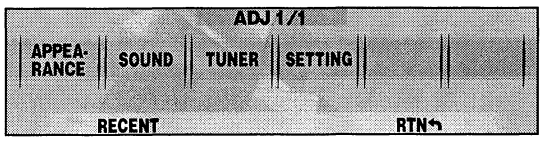
This unit requires special wiring to mute the audio signal automatically when a cellular telephone rings in the car.

* This function is not compatible with all cellular telephones. Contact your local authorized Clarion dealer for information on proper installation and compatibility.

Changing settings

Selecting setting items

1. Press the [**ADJ**] button.
   The mode changes to the adjust mode.



2. Touch [**APPEARANCE**], [**SOUND**], [**TUNER**], or [**SETTING**].
3. Touch ↑ ✋ ↓ on the left of the display to select the item to set.
4. When "**ENT**" is displayed at the right of the display, touch [**ENT**] to switch to the adjustment details display.
5. Touch ↑ ✋ ↓ on the right of the display to set the details.

■ To return to the original mode

1. Press the [**ADJ**] button again.

■ To call up the last operated item

1. Touch [**RECENT**].

English

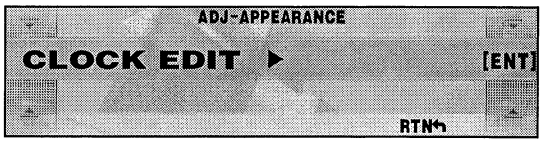
● Setting items

Main item	Sub item
APPEARANCE	**CLOCK EDIT** • Clock setting (cf. page 30)
	MSG INFO • Setting the message display ON/OFF (cf. page 30)
	MSG INPUT • Message information input (cf. page 30)
	DIMMER IN • Auto-dimmer setting (cf. page 31)
	DMR LEVEL • Setting the dimmer level (cf. page 31)
	BRIGHT • Adjusting the display brightness (cf. page 31)
	BLINK LED • Making the LED blink when DCP is removed (cf. page 31)
	BEEP • Setting beep (cf. page 32)
	SCROLL SPD • Adjusting the scroll speed (cf. page 32)
	SRC ICON • Setting the source icon display (cf. page 32)
SOUND	**SUB WOOFER** • Setting sub woofer speaker ON/OFF (cf. page 32)
	AMP CANCEL • Setting internal amplifier use ON/OFF (cf. page 32)
TUNER	**TV DIVER** • Setting TV diversity (cf. page 40)
	SID DISP • Display the Sirius ID No. (cf. page 33)
SETTING	**AUX SENS** • Setting the portable audio (AUX) input level (cf. page 33)
	SYSTEM CHECK • Performing a system check (cf. page 33)
	CODEMATIC • Setting security (cf. page 34)
	SLIDE CONT • Setting the slide direction of the slide buttons (cf. page 34)

Setting the clock (CLOCK)

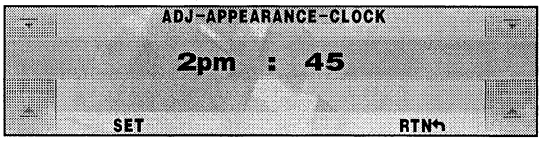
When the power is OFF, the clock is displayed.
The clock is displayed in 12-hour format.

1. Press the [**ADJ**] button.
2. Touch [**APPEARANCE**].
3. Touch ↑ ☜ ↓ on the left slide button to select "**CLOCK EDIT**" and touch [**ENT**].



The time (e.g. "**2pm:45**") currently set on this unit is displayed, and the mode changes to the time setting mode.

4. Touch ↑ ☜ ↓ on the left slide button to set hours.



* If you operate another button while you are setting the time, the time is not adjusted.

5. Touch ↑ ☜ ↓ on the right slide button to set minutes.
6. Touch [**SET**].
   * You will hear a long beep, and the time is set.

Notes:

- *The clock cannot be adjusted when the power is OFF.*
- *When the battery has been removed for maintenance or for repair, set the time again.*

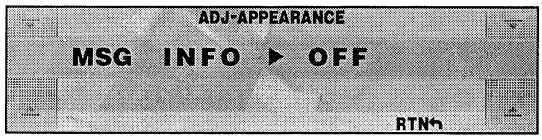
7. Press the [**ADJ**] button to return to the original mode.

Displaying messages (MSG INFO)

This function allows you to display a message on the display when no operation is performed for more than 30 seconds.

- The factory default setting is "**OFF**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ↑ ☜ ↓ on the left of the display to select "**MSG INFO**".

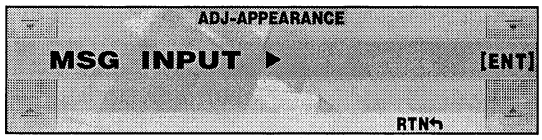


4. Touch ↑ ☜ ↓ on the right of the display to select "**ON**" or "**OFF**".
5. Press the [**ADJ**] button to return to the original mode.

Entering messages to display in message information (MSG INPUT)

- Up to 30 characters can be entered.
- The factory default setting is "**Welcome to Optimedia**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ↑ ☜ ↓ on the left of the display to select "**MSG INPUT**".



4. Touch [**ENT**].
   The mode changes to the message entry mode.
5. Touch [◀]/[▶] to determine the entry position.

6. Touch ↑ ☜ ↓ on [**FONT**] to select the type of text.
   Each touch of ↑ ☜ ↓ switches the type of text. For details, see page 27.
7. Touch ↑ ☜ ↓ on [**TEXT**] to determine the character to enter.
8. Repeat steps 5 to 7 to enter the message.
9. Touch [**MEMO**].
   You will hear a long beep, and the message is stored in memory.
10. Press the [**ADJ**] button to return to the original mode.

English

Setting the auto-dimmer (DIMMER IN)

This function allows you to dim the lighting of the display matched to the illumination or the brightness inside your car.

Select either "**AUTO**" (interlocked to the brightness inside your car) or "**ILLUMI**" (interlocked to the illumination inside your car) as the auto-dimmer setting.

- When the auto-dimmer function is set to "**AUTO**", the brightness of the display is dimmed according to the brightness detected by this sensor.
- Set the dimmer setting at DMR LEVEL.
- The factory default setting is "**AUTO**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ▲ ✋ ▼ on the left of the display to select "**DIMMER IN**".

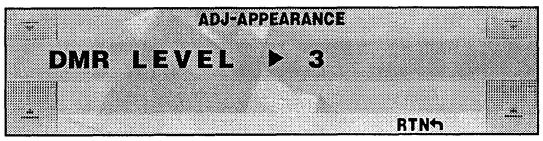
4. Touch ▲ ✋ ▼ on the right of the display to select "**AUTO**" or "**ILLUMI**".
5. Press the [**ADJ**] button to return to the original mode.

Setting the dimmer level (DMR LEVEL)

This function allows you to set how much the displayed is to be dimmed.

- The factory default setting is "**3**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ▲ ✋ ▼ on the left of the display to select "**DMR LEVEL**".



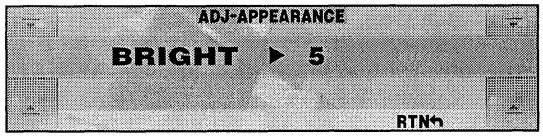
4. Touch ▲ ✋ ▼ on the right of the display to set the dimmer level.
   * Select one of OFF (dimming OFF, bright), 1 (slightly dimmed) to 5 (dark).
5. Press the [**ADJ**] button to return to the original mode.

Adjusting the brightness of the display (BRIGHT)

You can adjust the brightness of the display to match the mounting angle of the unit.

- The factory default setting is "**5**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ▲ ✋ ▼ on the left of the display to select "**BRIGHT**".



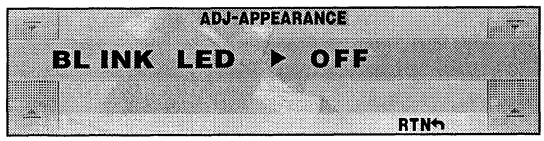
4. Touch ▲ ✋ ▼ on the right of the display to adjust the brightness.
   * This setting item can be adjusted within the range 1 to 12.
   Adjust this setting item while viewing how the appearance of the display changes.
5. Press the [**ADJ**] button to return to the original mode.

Making the LED blink when DCP is removed (BLINK LED)

You can make the LED on this unit blink when the DCP is removed.

- The factory default setting is "**OFF**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ▲ ✋ ▼ on the left of the display to select "**BLINK LED**".



4. Touch ▲ ✋ ▼ on the right of the display to select "**ON**" or "**OFF**".
5. Press the [**ADJ**] button to return to the original mode.

Setting the beep for when buttons are operated (BEEP)

The short or long high-pitched tone you hear when a button is operated is called a "**BEEP**".

- The factory default setting is "**ON**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ↑ ↓ on the left of the display to select "**BEEP**".

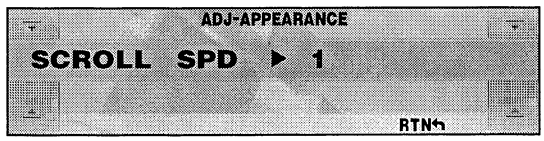
4. Touch ↑ ↓ on the right of the display to select "**ON**" or "**OFF**".
5. Press the [**ADJ**] button to return to the original mode.

Adjusting the title scroll speed (SCROLL SPD)

This feature allows you to slow down the scroll speed when the scroll speed is too fast, making it difficult to view the screen.

- The factory default setting is "**SPEED 1**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ↑ ↓ on the left of the display to select "**SCROLL SPD**".



4. Touch ↑ ↓ on the right of the display to adjust the sensitivity.
   * This setting item can be adjusted within the range SPEED 1 to SPEED 4.
5. Press the [**ADJ**] button to return to the original mode.

Setting the source icon (SRC ICON)

You can change the source icon on the display.

- The factory default setting is "**ICON**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**APPEARANCE**].
3. Touch ↑ ↓ on the left of the display to select "**SRC ICON**".

4. Touch ↑ ↓ on the right of the display to select "**ICON**" or "**SPE/ANA**".
5. Press the [**ADJ**] button to return to the original mode.

Setting speaker ON/OFF (SUB-WOOFER)

Set the sub-woofer (SUB-WOOFER) ON/OFF.

Be sure to set this setting to "**OFF**" when there is no sub-woofer.

- The factory default setting is "**ON**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**SOUND**].
3. Touch ↑ ↓ on the right of the display to select "**ON**" or "**OFF**".

4. Press the [**ADJ**] button to return to the original mode.

Setting internal amplifier use ON/OFF (AMP CANCEL)

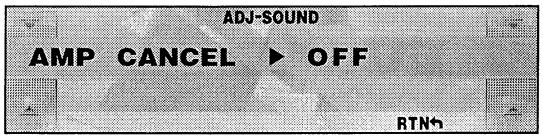
Set internal amplifier use ON/OFF matched to whether or not an external amplifier is used.

Set AMP CANCEL to "**ON**" (internal amplifier use OFF) when an external amplifier is connected and the internal amplifier is not used.

- The factory default setting is "**OFF**" (internal amplifier used).

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**SOUND**].

3. Touch ↑ ↓ on the left of the display to select "**AMP CANCEL**".

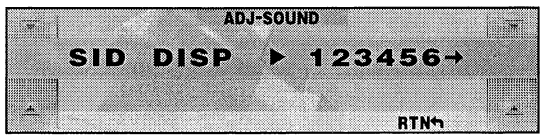


4. Touch ↑ ↓ on the right of the display to select "**ON**" or "**OFF**".
5. Press the [**ADJ**] button to return to the original mode.

Displaying the Sirius ID No. (SID DISP)

- This item can be set only when Sirius is connected.

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**TUNER**].
3. Touch ↑ ↓ on the left of the display to select "**SID DISP**".



4. Touch ↑ ↓ on the right of the display to switch between the display for the upper 6 digits and the lower 6 digits.
5. Press the [**ADJ**] button to return to the original mode.

AUX function

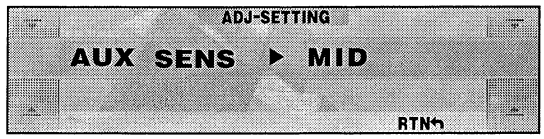
This system has an external RCA input so you can listen to sounds and music from external devices connected to this unit.

Setting the input level (AUX SENS) of portable audio (AUX mode)

This function allows you to set the input level of optional external devices connected to this unit.

- The factory default setting is "**MID**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**SETTING**].
3. Touch ↑ ↓ on the left of the display to select "**AUX SENS**".



4. Touch ↑ ↓ on the right of the display to set the input level.
   * Select LOW, MID or HIGH.

Notes:

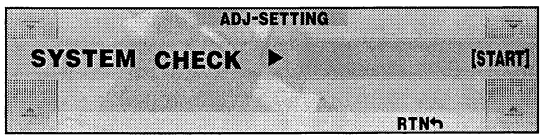
- *When the input level is overloaded, "**OVERLOAD**" appears. Adjust AUX SENS or the input level so that "**OVERLOAD**" disappears.*

5. Press the [**ADJ**] button to return to the original mode.

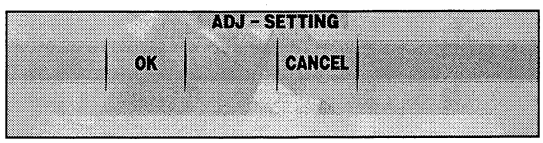
Performing a system check (SYSTEM CHECK)

This function allows you to perform a system check when an external equipment is connected to this unit.

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**SETTING**].
3. Touch ↑ ↓ on the left of the display to select "**SYSTEM CHECK**".



4. Touch [**START**].
   The confirmation display appears.
5. Touch [**OK**].



After this operation, the display returns to the original mode.

English

Using the security function (CODEMATIC)

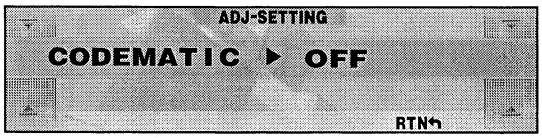
This function prevents persons who do not know the touch sequence from easily operating this unit. The Touch Code display appears when DCP is attached and the power is turned ON with "**CODEMATIC**" set to "**ON**".

If you touch the display in this screen in the preset order, "**SUCCESSFUL**" is displayed and the power is turned OFF.

When the power is next turned ON, the Touch Code display does not appear, and the main display in the radio mode or CD mode is displayed.

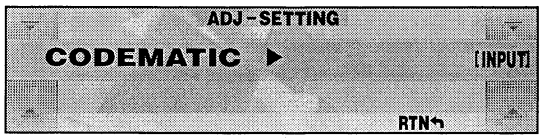
- The factory default setting is "**OFF**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**SETTING**].
3. Touch ↑ ✋ ↓ on the left of the display to select "**CODEMATIC**".



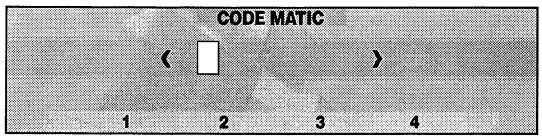
2 types of items are displayed for "**CODEMATIC**", items for which "**ON**" or "**OFF**" is displayed at the right of the screen, and items for which "**INPUT**" is displayed at the right of the screen. Here, select the item for which "**ON**" or "**OFF**" is displayed at the right of the display.

4. Touch ↑ ✋ ↓ on the right of the display to select "**ON**" or "**OFF**".
5. Touch ↑ ✋ ↓ on the left of the display to select "**CODEMATIC**".



Here, select the item for which "**INPUT**" is displayed at the right of the display.

6. Touch [**INPUT**].
   The Touch Code display appears.
7. Enter the touch code.
   * Touch [**1**] to [**4**] at the bottom of the display at random. You can also repeatedly touch the same number.



When you touch 4 times, and 4 indicators light, you will hear a long beep, and the original mode is returned to.

■ To cancel CODEMATIC

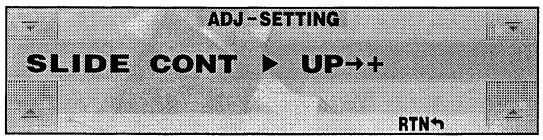
If you have forgotten the touch order, either touch [**4**], [**1**], [**3**] and then [**2**] in that order, or press [**SCN**] on the remote control unit.

Setting the slide direction of the slide buttons (SLIDE CONT)

This function allows you to set the direction of the left and right slide buttons.

- The factory default setting is "**UP → +**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**SETTING**].
3. Touch ↑ ✋ ↓ on the left of the display to select "**SLIDE CONT**".



4. Touch ↑ ✋ ↓ on the right of the display to select "**UP → +**" or "**DOWN → +**".
5. Press the [**ADJ**] button to return to the original mode.

CD Changer Operations

CD changer

When an optional CD changer is connected through the CeNET cable, this unit can control CD changer operations. This unit can be connected to a total of 2 CeNET-wired CD changers.

■ When 2 CD changers are connected

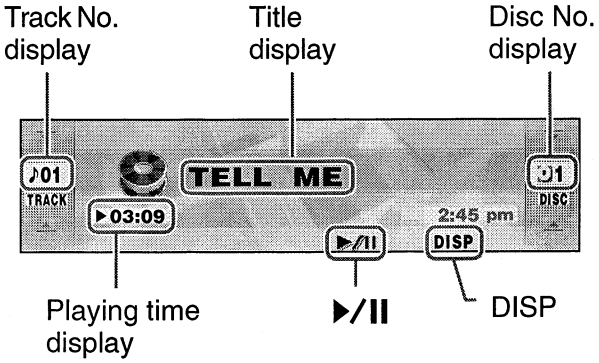
Press the [**SRC**] button to select the changer connected to this unit. (Each press of the [**SRC**] button switches the changer.)

- If the CD changer does not contain a magazine, "**NO MAG**" is displayed, and if the magazine does not contain a CD, "**NO DISC**" is displayed.
- For details on the title display, see "**Switching the title display**" (cf. page 15).

Screen displays in the changer mode

● Standard operation display

The standard operation display appears by pressing the [**SRC**] button to select changer modes.



● Simple operation display

Pressing and holding [**MODE**] button for 2 seconds or longer switches the simple operation display.

Playing time display

▶00:01: The playing time is displayed.

Track No. display

Touching ↑ or ↓ allows you to select the track to play, or fast-forward/fast-rewind tracks.

Title display

The selected title is displayed.

Disc No. display

Touching ↑ ↓ selects discs.

▶/II

Touching this pauses or resumes play.

DISP

The display contents can be changed.

≪/≫ (only in the simple operation display)

Touching these selects the track to play.
Touching and holding these fast-forwards/fast-rewinds tracks.

/ (Only in the simple operation display)

Touching these buttons selects the disc to play.

⚠ CAUTION

CD-ROM discs cannot be played from every CD changer. This depends on the model.

Note:

- *Some CDs recorded in the CD-R/CD-RW mode may not be usable.*

Selecting the changer mode

1. Press the [SRC] button to select the changer mode.
   * Each time you press the [SRC] button, the display switches as follows:
   Radio → (SIRIUS) → CD/MP3 → (CD changer) → (DVD changer) → (TV) → AUX → Radio...

   * The mode of equipment that is not connected is not displayed.
   Play starts automatically when the mode changes to the changer mode.

Pausing play

1. Touch [▶/II].

■ To resume play

1. Touch [▶/II] again.

Selecting a CD

1. Touch ↑ ↓ on the disc No. display to select a disc.
   Play starts.
   * If magazine does not contain the disc you selected, the No. for that disc is not displayed.

Selecting a track

1. To listen to the next track, touch ↑ on the track display.
2. To listen to the previous track, touch ↓ twice on the track display.
   Touching ↑ plays the next track. If you touch ↑ more times, the track advances ahead to the track for the number of times you touched ↑ and that track is played.
   Touching ↓ plays the previous track. If you touch ↓ more times, the track moves back to the track for the number of times you touched ↓ and that track is played.
   * If you touch ↓ twice on the track display while the start of the track is being played, the track 2 tracks back is sometimes played.

Fast-forward/fast-rewind

1. To fast-forward, touch ↑ on the track display.
2. To fast-rewind, touch ↓ on the track display.

Scan play

Scan play locates and plays the first 10 seconds of each track on a disc automatically. This function continues on the disc until it is canceled.

The scan play function is useful when you want to select a desired track.

1. Press the [MODE] button.
2. Touch [TRACK-SCAN].
   * Scan play starts from the next track after the track currently being played.

■ To cancel scan play

1. Press the [MODE] button.

Disc scan play

Disc scan play locates and plays the first 10 seconds of the first track on each disc in the currently selected changer. This function continues automatically until it is canceled.

Disc scan play is useful when you want to select a desired disc.

1. Press the [MODE] button.
2. Touch [DISC SCAN].
   * Disc scan play starts from the next disc after the disc currently being played.

■ To cancel disc scan play

1. Press the [MODE] button.

Repeat play

Repeat play continuously plays the current track. This function continues automatically until it is canceled.

1. Press the [MODE] button.
2. Touch [TRACK RPT].

■ To cancel repeat play

1. Press the [MODE] button.

English

Disc repeat play

After all the tracks on the current disc have been played, disc repeat play automatically replays the current disc over from the first track. This function continues automatically until it is canceled.

1. Press the [**MODE**] button.
2. Touch [**DISC RPT**].

■ To cancel disc repeat play

1. Press the [**MODE**] button.

Random play

Random play selects and plays individual tracks on the disc in no particular order. This function continues automatically until it is canceled.

1. Press the [**MODE**] button.
2. Touch [**TRACK RDM**].

■ To cancel random play

1. Press the [**MODE**] button.

Disc random play

The disc random play selects and plays individual tracks or discs automatically in no particular order. This function continues automatically until it is canceled.

1. Press the [**MODE**] button.
2. Touch [**DISC RDM**].

■ To cancel disc random play

1. Press the [**MODE**] button.

TV Operations

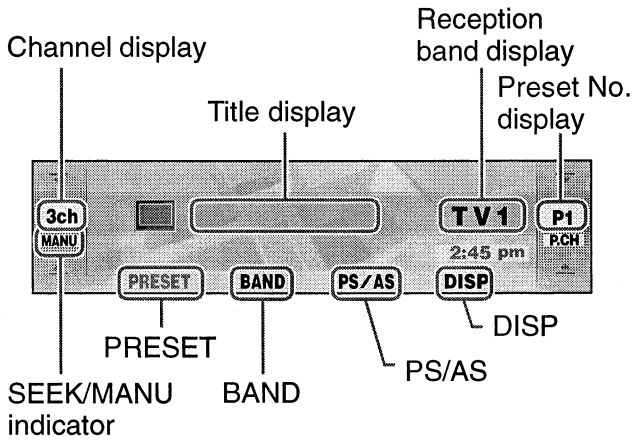
TV tuner function

When an optional TV tuner is connected through the CeNET cable, this unit controls all TV tuner functions. To watch TV, you need a TV tuner and a monitor.

Screen displays in the TV mode

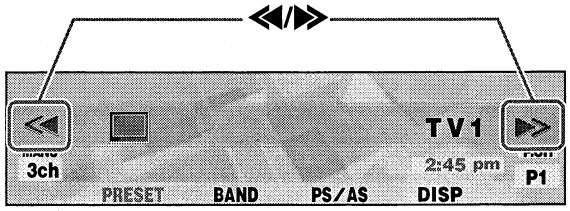
● **Standard operation display**

The standard operation display appears by pressing the [**SRC**] button to select the TV mode.



● **Simple operation display**

Pressing and holding the [**MODE**] button for 2 seconds or longer switches the simple operation display.



Channel display

3ch: The channel currently being received is displayed.

Touching ↑ ↓ or ⤒ ⤓ in the standard operation display allows you to perform seek tuning or manual tuning.

Title display

The name of the station currently being received is displayed.

VTR : In video mode

Touching these switches the display.

Reception band display

TV1 : Band name

Preset No. display

Touching ↑ ↓ on the right slide button in the standard operation display selects a preset memory.

Touching [**PRESET**] displays the preset memory number list.

PS/AS

Touching this starts a preset scan.

Touching and holding this for 2 seconds or longer starts an auto store.

Touching this during the preset scan/auto scan ends the operation.

BAND

Touching this switches the reception band.

Touching and holding this for 1 second or longer toggles between the manual tuning mode and the seek tuning mode.

◀◀/▶▶ (only in the simple operation display)

Touching these buttons enables seek tuning or step tuning (in the manual tuning mode).

Touch and holding these buttons enables quick tuning (in manual tuning mode).

DISP

The display contents can be changed.

Selecting the TV mode

1. Press the [**SRC**] button to select the TV mode.
   Each press of the [**SRC**] button switches the mode as follows:
   Radio → (SIRIUS) → CD/MP3 → (CD changer) → (DVD changer) → (TV) → AUX → Radio...
   * The mode of equipment that is not connected is not displayed.

Switching the reception band

1. Touch [**BAND**] to switch the reception band.
   Each touch of [**BAND**] switches the reception band.
   TV1 → TV2 → TV1...

English

Seek tuning

Seek tuning is a function for automatically tuning stations with good reception.

1. Touch and hold [**BAND**] for 1 second or longer while "**MANU**" is displayed.
   Automatic tuning is possible when "**SEEK**" is displayed.
2. Touch ↑ ↓ on the channel display.
   "**SEEK UP/SEEK DOWN**" is displayed, and tuning starts.
   Tuning automatically stops at stations with good reception.

■ To cancel tuning

1. Touch ↑ ↓ on the channel display again.

Manual tuning

There are 2 ways available: quick tuning and step tuning.

In the step tuning mode, the frequency changes 1 step at a time. In the quick tuning mode, you can quickly tune the desired frequency.

1. Touch and hold [**BAND**] for 1 second or longer if "**SEEK**" is displayed.
   Manual tuning is possible when "**MANU**" is displayed.
2. Operate the channel display to tune to a channel on which there is a broadcast.

● **Step tuning**
Touch ↑ ↓ on the channel display.

● **Quick tuning**
Touch ↑ ↓ on the channel display. Tuning stops when you take your finger away from the panel.

Recalling a preset station

This function allows the user to select a preset station.

1. Touch [**PRESET**].
   The preset memory No. list is displayed.
2. Touch the preset memory No.
   * The station can also be tuned by touching ↑ ↓ in the standard operation display.

■ To cancel tuning

1. Touch [**RTN**].

Preset memory

A total of 12 TV stations can be stored (6-TV1 and 6-TV2). This allows you to select your favorite TV stations and store them in memory for later recall.

1. Touch [**BAND**] to switch the reception band.
2. Operate the channel display to select the station to store to.
3. Touch [**PRESET**].
   The preset memory No. list is displayed.
4. Touch and hold the preset No. to store for 2 seconds or longer.
   You will hear a long beep, and the station is stored in memory.

Auto store

Auto store selects 6 TV stations automatically and stores each one into preset memory.

1. Touch and hold [**PS/AS**] for 2 seconds or longer.
   "**A-STORE**" appears on the display.
   * Stations with good reception are automatically searched, and are stored to preset memory (No.1 to No.6) in order from the station having the lowest frequency.

Notes:

- *When auto store is performed, stations stored to memory so far are cleared.*
- *When there are fewer than 6 stations with good reception, low frequencies are automatically returned to, and auto store is performed again. If there are fewer than 6 stations even after auto store is performed twice, stations stored so far remain in memory.*

Preset scan

Preset scan is a function for receiving stations in the order that they are currently stored to preset No. so that broadcasts can be checked.

1. Touch [**PS/AS**].
   "**P-SCAN**" appears on the display.
   * The currently stored stations are received in order for 7 seconds or longer each.
   Stations with poor reception are skipped, and the next station is received.

■ To cancel the preset scan

1. Touch [**PS/AS**].
   "**P-SCAN**" disappears, and the stations that were being received when [**PS/AS**] was touched are received next.

Watching a video

The TV tuner has a VTR input terminal to which 1 external device can be connected. Connect a 12 V video cassette player (VCP) or video cassette recorder (VCR) to the TV tuner input terminal.

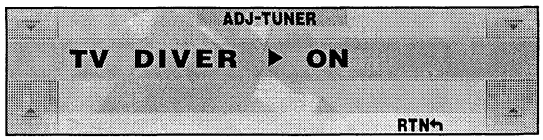
1. Press the [**MODE**] button.
2. Touch [**TV/VTR**].
   * Every time you touch this, the function switches between TV and VTR.

Setting the TV Diver

You can change the reception setting for the TV antenna connected to the TV tuner.

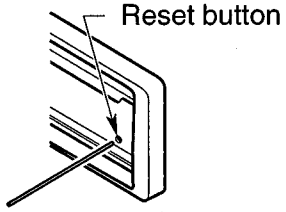
- Set this item to "**OFF**" when a TV diversity antenna is not in use.
- The factory default setting is "**ON**".

1. Press the [**ADJ**] button to set to the adjust mode.
2. Touch [**TUNER**].
3. Touch ▲ ✋ ▼ on the left of the display to select [**TV DIVER**].



4. Touch ▲ ✋ ▼ on the right of the display to select [**ON**] or [**OFF**].
5. Press the [**ADJ**] button to return to the original mode.

9. IN CASE OF DIFFICULTY

	Problem	Cause	Measure
General	Power does not turn on. (No sound is produced.)	Fuse is blown.	Replace with a fuse of the same amperage. If the fuse blows again, consult your store of purchase.
		Incorrect wiring.	Consult your store of purchase.
	No audio when operating the unit with amplifiers.	Amplifier turn-on lead is shorted to ground or excessive current is required.	Turn the unit off and check each wire for a possible short. If the amplifier turn-on lead shorts out, cover it with insulation such as tape.
	Nothing happens when buttons are pressed.	The microprocessor has malfunctioned due to noise, etc.	Turn off the power, then remove the DCP by referencing "**Removing the DCP**" (cf. page 10). Press the reset button for about 2 seconds with a thin rod. 
	Display is not accurate.	DCP or main unit connectors are dirty.	Wipe the dirt off with a soft cloth moistened with cleaning alcohol.
	No sound heard.	The speaker protection circuit is operating.	1. Check the speaker connection. 2. Turn down sound volume. Function can also be restored by turning the power off and on again. 3. If the sound is muted again, consult your store of purchase.
CD/MP3/WMA	No sound heard.	There is a disc other than a compact disc or foreign matter already in place.	With the SLOPING CONSOLE open, press and hold the [⏏] button for 3 seconds or longer. The foreign matter is forcibly ejected.
		MP3/WMA files are absent in a disc.	Write MP3/WMA files onto the disc properly.
		Files are not recognized as an MP3/WMA file.	Use MP3/WMA files encoded properly.
		File system is not correct.	Use ISO9660 level 1, 2 or JOLIET or Romeo file system.
	Sound skips or is noisy.	Disc is dirty.	Clean the disc with a soft cloth.
		Disc is heavily scratched or warped.	Replace with a disc with no scratches.
	Sound is cut or skipped. Noise is generated or noise is mixed with sound.	MP3/WMA files are not encoded properly.	Use MP3/WMA files encoded properly.

	Problem	Cause	Measure
CD/MP3/WMA	Sound is bad directly after power is turned on.	Water droplets may form on the internal lens when the car is parked in a humid place.	Let dry for about 1 hour with the power on.
	Wrong filename	File system is not correct.	Use ISO9660 level 1, 2 or JOLIET or Romeo file system.
	Play list play is not performed.	File name or extension is not correct.	Use alphanumeric/ASCII characters for MP3/WMA file name. Use "**.M3U**" for the file extension of a play list.

10. ERROR DISPLAYS

English

If an error occurs, one of the following displays is displayed.
Take the measures described below to eliminate the problem.

	Error Display	Cause	Measure
CD/MP3/WMA	**ERROR 2**	A DISC is caught inside the CD deck and is not ejected.	This is a failure of CD deck's mechanism and consult your store of purchase.
	ERROR 3	A DISC cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped-disc.
	ERROR 6	A DISC is loaded upside-down inside the CD deck and does not play.	Eject the disc then reload it properly.
CD changer	**ERROR 2**	A DISC inside the CD changer is not loaded.	This is a failure of CD changer's mechanism and consult your store of purchase.
	ERROR 3	A DISC inside the CD changer cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	A DISC inside the CD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
DVD changer	**ERROR 2**	A DISC inside the DVD changer cannot be played.	This is a failure of DVD mechanism and consult your store of purchase.
	ERROR 3	A DISC cannot be played due to scratches, etc.	Retry or replace with a non-scratched, non-warped-disc.
	ERROR 6	A DISC inside the DVD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly
	ERROR P	Parental level error	Set the correct Parental level.
	ERROR R	Region code error	Eject the disc and replace correct region code disc.
General	**AMP GUARD**	The speaker protection circuit is operating. During this operation, if any volume operation is performed, the display shows "**AMP GUARD**". "**AMP GUARD**" sometimes functions when special test signals are used.	1. Turn down sound volume. Function can also be restored by turning the power off and on again. (Speaker volume is reduced automatically when the speaker protection circuit operates). 2. If the sound is muted again, consult our service department.

If an error display other than the ones described above appears, press the reset button. If the problem persists, turn off the power and consult your store of purchase.

English

11. SPECIFICATIONS

FM Tuner

Frequency Range:
87.9 MHz to 107.9 MHz

Usable Sensitivity:
9 dBf

50dB Quieting Sensitivity:
15 dBf

Alternate Channel Selectivity:
70 dB

Stereo Separation (1 kHz):
32 dB

Frequency Response (±3 dB):
30 Hz to 15 kHz

AM Tuner

Frequency Range:
530 kHz to 1710 kHz

Usable Sensitivity:
25 μV

CD Player

System:
Compact disc digital audio system

Usable Discs:
Compact disc

Frequency Response (±1 dB):
5 Hz to 20 kHz

Signal to Noise Ratio (1 kHz):
100 dB

Dynamic Range (1 kHz):
96 dB

Harmonic Distortion:
0.01%

Audio

Maximum Power Output:
212 W (53 W × 4 ch)

Continuous Average Power Output:
18 W × 4, into 4 Ω, 20 Hz to 20 kHz, 1%THD

Bass Control Action (50 Hz):
±12 dB

Treble Control Action (12.5 kHz):
±12 dB

Line Output Level (CD 1 kHz):
4 V/F 2ch + 4V/R 2ch
4 V/SUB WOOFER 2ch

General

Power Supply Voltage:
14.4 V DC (10.8 to 15.6 V allowable), negative ground

Current Consumption:
Less than 15 A, 3A

Speaker Impedance:
4 Ω (4 Ω to 8 Ω allowable)

Weight / Source unit:
3.74 lb. (1.7 kg)

Weight / Remote control unit:
1.41 oz. (40 g) (including battery)

Dimensions / Source unit:
7" (Width) × 2" (Height) × 6-5/16" (Depth)
[178 (W) × 50 (H) × 160 (D) mm]

Dimensions / Remote control unit:
1-3/4" (Width) × 4-7/16" (Height) × 1/2" (Depth)
[44 (W) × 113 (H) × 13 (D) mm]

Note:

- *Specifications and design are subject to change without notice for further improvement.*

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Installation/Wire Connection Guide
Manuel d'installation et de connexion
Guía de instalación/conexión de cables

English Français Español

1. BEFORE STARTING / PRÉPARATIFS / ANTES DE COMENZAR

1. This set is exclusively for use in cars with a negative ground, 12 V power supply.
2. Read these instructions carefully.
3. Be sure to disconnect the battery "⊖" terminal before starting. This is to prevent short circuits during installation. (Figure 1)

1. Cet appareil est exclusivement destiné à être utilisé dans les voitures avec une alimentation 12 V à masse négative.
2. Lire ces instructions attentivement.
3. S'assurer de débrancher la borne "⊖" de la batterie avant de commencer. Cela évitera les court-circuits pendant l'installation. (Figure 1)

1. Esta unidad ha sido diseñada para utilizarse exclusivamente en automóviles con fuente de alimentación de 12 V, y negativo a masa.
2. Lea cuidadosamente estas instrucciones.
3. Antes de comenzar, cerciórese de desconectar el terminal "⊖" de la batería. Esto es para evitar cortocircuitos durante la instalación. (Figura 1)

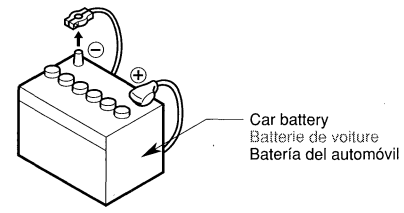


Figure 1 / Figure 1 / Figura 1

English Français Español

2. CAUTIONS ON INSTALLATION / PRÉCAUTIONS AU SUJET DE L'INSTALLATION / PRECAUCIONES PARA LA INSTALACIÓN

1. Prepare all articles necessary for installing the source unit before starting.
2. Install the unit within 30° of the horizontal plane. (Figure 2)
3. If you have to do any work on the car body, such as drilling holes, consult your car dealer beforehand.
4. Use the enclosed screws for installation. Using other screws can cause damage. (Figure 3)
5. This unit is equipped with a motorized fan to assist cooling of the internal parts. Take precautions during installation not to allow the fan's exhaust vent to be blocked with cables or other parts, otherwise excessive heating may result in malfunctions. (Figure 4)

1. Avant de commencer, préparer toutes les pièces nécessaires pour installer l'appareil pilote.
2. Installer l'appareil avec un angle inférieur à 30° par rapport à l'horizontal. (Figure 2)
3. S'il est nécessaire d'effectuer certains travaux sur la carrosserie comme percer des trous, consulter d'abord votre concessionnaire automobile.
4. Utiliser les vis fournies pour l'installation. L'utilisation d'autres vis peut causer des dommages. (Figure 3)
5. Cet appareil est muni d'un ventilateur motorisé qui contribue à refroidir les composants internes. Lors de l'installation, veiller à ce que l'orifice d'échappement du ventilateur ne soit pas obstrué par des câbles ou d'autres pièces, car un échauffement interne pourrait entraîner des pannes. (Figure 4)

1. Antes de comenzar, prepare todos los elementos necesarios para instalar la unidad fuente.
2. Instale la unidad con un ángulo de 30° sobre el plano horizontal. (Figura 2)
3. Si tiene que realizar cualquier trabajo en la carrocería, como taladrado de orificios, etc., consulte al proveedor de su automóvil.
4. Use los tornillos incluidos para la instalación. El uso de otros tornillos puede causar daños. (Figura 3)
5. Esta unidad está provista de un ventilador motorizado para ayudar a enfriar los componentes internos. Durante la instalación, tenga cuidado para no bloquear la rejilla de ventilación de salida del ventilador con cables u otras partes, porque de lo contrario el calor excesivo podría ocasionar mal funcionamiento. (Figura 4)

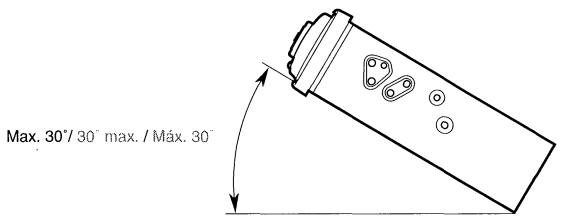


Figure 2 / Figure 2 / Figura 2

Figure 3 / Figure 3 / Figura 3

Fan exhaust vent / Orifice d'échappement du ventilateur
Rejilla de ventilación de salida del ventilador
Side panel / Panneau latéral / Panel lateral

Figure 4 / Figure 4 / Figura 4

English Français Español

3. INSTALLING THE SOURCE UNIT / INSTALLATION DE L'APPAREIL PILOTE / INSTALACIÓN DE LA UNIDAD FUENTE

■ Universal Mount

1. Place the universal mounting bracket into the instrument panel, use a screwdriver to bend each stopper of the universal mounting bracket inward, then secure the stopper as shown in Figure 5.
2. Connect the wiring as shown in section 6.
3. Insert the source unit into the universal mounting bracket until it locks.
4. Take care of the top and bottom of the outer escutcheon and mount it so that all the hooks are locked.

Notes:
1) Some car models require special mounting kits for proper installation. Consult your Clarion dealer for details.
2) Fasten the front stopper securely to prevent the source unit from coming loose.

■ Montage universel

1. Placer le support de montage universel dans le tableau de bord, utiliser un tournevis pour replier vers l'extérieur chaque languette du support de montage universel, puis fixer les languettes comme montré sur la Figure 5.
2. Brancher le câblage comme indiqué dans la section 6.
3. Insérer l'appareil pilote dans le support de montage universel jusqu'à ce qu'il soit bloqué.
4. Repérer le haut et le bas de l'écusson extérieur et le monter de manière que tous les crochets soient verrouillés.

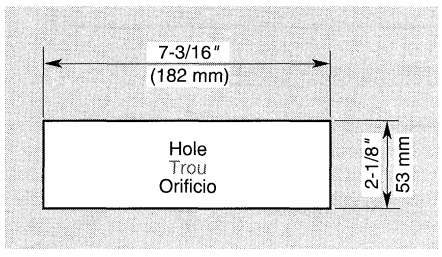
Remarques:
1) Certains modèles de voiture nécessitent un kit de montage spécial pour une installation correcte. Consulter le revendeur Clarion pour les détails.
2) Serrer fermement la languette avant pour éviter que l'appareil pilote ne se desserre.

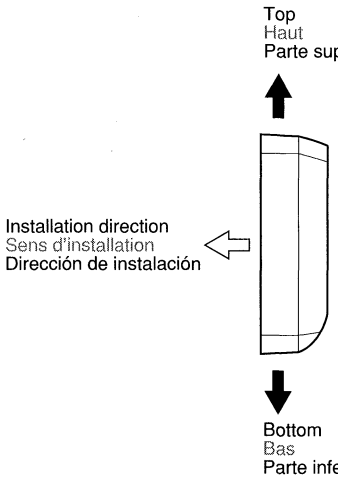
■ Montaje universal

1. Coloque el soporte de montaje universal en el tablero de instrumentos, utilice un destornillador para doblar cada retén del soporte de montaje universal hacia adentro, y después asegure el retén como se muestra en la Figura 5.
2. Conecte los cables como se indica en la sección 6.
3. Inserte la unidad fuente en el soporte de montaje universal hasta que quede enganchado.
4. Tenga cuidado con la partes superior e inferior de la pieza ornamental exterior, y móntela de forma que todos los ganchos queden bloqueados.

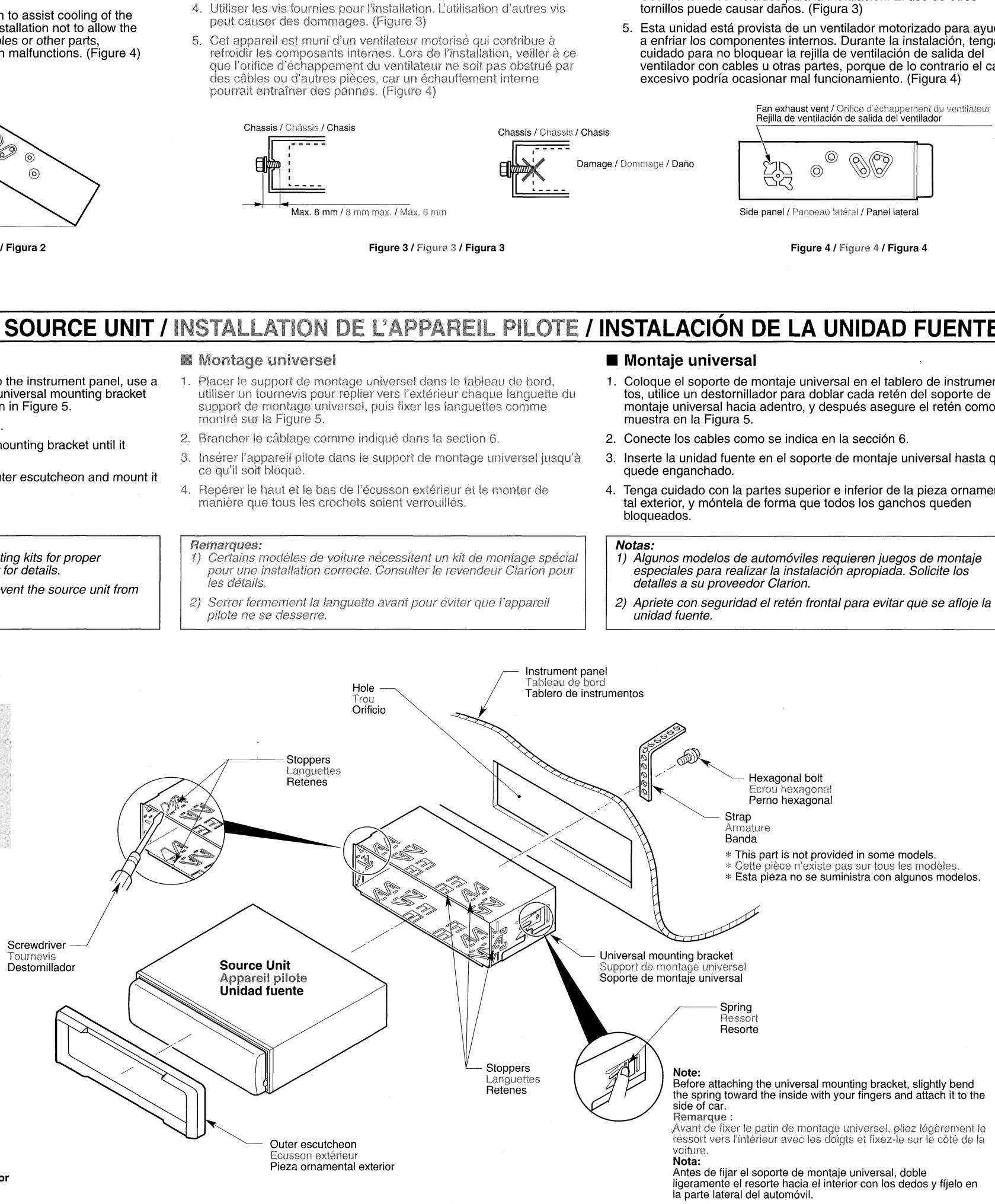
Notas:
1) Algunos modelos de automóviles requieren juegos de montaje especiales para realizar la instalación apropiada. Solicite los detalles a su proveedor Clarion.
2) Apriete con seguridad el retén frontal para evitar que se afloje la unidad fuente.

• Console opening dimensions
◦ Dimensions d'ouverture de la console
• Dimensiones de la abertura de la consola





Outer escutcheon side view
Vue latérale de l'écusson extérieur
Vista lateral de la pieza ornamental exterior



Note:
Before attaching the universal mounting bracket, slightly bend the spring toward the inside with your fingers and attach it to the side of car.
Remarque :
Avant de fixer le patin de montage universel, pliez légèrement le ressort vers l'intérieur avec les doigts et fixez-le sur le côté de la voiture.
Nota:
Antes de fijar el soporte de montaje universal, doble ligeramente el resorte hacia el interior con los dedos y fíjelo en la parte lateral del automóvil.

Figure 5 / Figure 5 / Figura 5

■ PRECAUTION

Remove the stopper following the procedures below when this source unit is installed without the universal mounting bracket.

1. Remove the screw from the source unit (Figure 6).
2. Remove the stopper from the source unit (Figure 7).
3. Install the remove screw to the source unit (Figure 8).
   * Securely attach the screw.

Note:
Store the removed stopper in a safe place together with the Instruction Manual.

■ PRECAUCION

Retire el tapón después de los siguientes procedimientos indicados abajo cuando esta unidad de la fuente está instalada sin el soporte de montaje universal.

1. Quite el tornillo de la unidad de la fuente (Figura 6).
2. Quite el tapón de la unidad de la fuente (Figura 7).
3. Instale el tornillo retirado de la unidad de la fuente (Figura 8).
   * Apriete firmemente el tornillo.

Nota:
Guarde el tapón retirado en un lugar seguro junto con el Manual de Instrucciones.

■ `Précaution

Retirer la languette en procédant comme suit pour installer le module source sans la patte de montage universel.

1. Retier la vis du module source (Figure 6).
2. Retirer la languette du module source (Figure 7).
3. Fixer la vis ainsi retirée sur le module source (Figure 8).
   * Fixer la vis à fond.

Remarque:
Ranger la languette retirée en lieu sûr avec le mode d'emploi.

① **Stopper/Languette/Tapón**
② **Source Unit/Module source/Unidad de la fuente**
③ **Screwdriver/Toumevis/Destornillador**
④ **Screw/Vis/Tornillo**

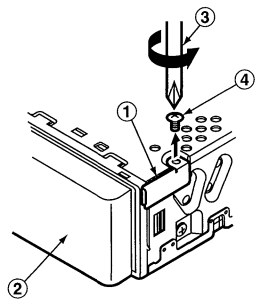


Figure 6 / Figure 6 / Figura 6

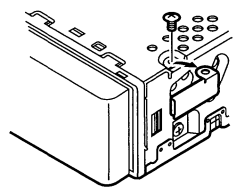


Figure 7 / Figure 7 / Figura 7

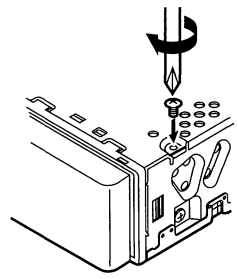


Figure 8 / Figure 8 / Figura 8

■ Fixed Mount (Using the bracket originally equipped in vehicle)

This unit is designed for fixed installation in the dashboard.
If the vehicle is equipped with a factory-installed radio, install the source unit with the parts and screws marked (★). (Figure 9)
If the vehicle is not equipped with a factory-installed radio, obtain an installation kit to install the source unit in the following procedure.

1. Secure the mounting brackets to the chassis as shown in Figure 9. When the source unit is installed without the universal mounting bracket, holes exist; modification, such as drilling new holes, of the mounting brackets may be required for other models.
2. Wire as shown in Installation (Section 6).
3. Secure the unit in the dashboard, and then reassemble the dashboard and the center panel.

■ Montage fixe (Avec la patte fixée à l'origine dans le véhicule)

L'appareil est conçu pour une installation fixe dans le tableau de bord.
Si le véhicule est équipé d'une radio installée en usine, installer le module source avec les pièces et les vis marquées d'un astérisque (★). (Figure 9).
Si le véhicule n'est pas équipé d'une radio installée en usiine, se procurer le kit d'installation pour installer le module source en procédant comme suit.

1. Fixer les pattes de montage sur la carrosserie comme indiqué à la Figure 9. Pour installer le module source sans patte de montage universel, les orifices existent déjà; pour les autres modéles, il faudra peut-être modifier les pattes de montage (par exemple percer de nouveaux orifices).
2. Effecluer les câblages comme indiqué dans Installation (Section 6).
3. Fixer l'appareil dans le tableau de bord, puis remonter le tableau de bord et le panneau central.

■ Montura fija (Usando el soporte originalmente equipado en el vehículo)

Esta unidad ha sido diseñado para la Instalación fija en el tablero de instrumentos.
Si el vehículo está equipado con una radio instalada en fábrica, instale la unidad de la fuente con las piezas los tornillos marcados con (★). (Figura 9)
Si el vehículo no está equipado con una radio instalada en fábrica, obtenga un juego de instalación para Instalar la unidad de la fuente mediante el procedimiento que se da a continuación:

1. Asegure los soportes de montaje al chasis como se muestra en la Figura 9. Cuando la unidad de la fuente está instalada sin el soporte de montaje universal, existendo agujeros, puede requerirse una modificación para otros modelos, tal como perforación de nuevos agujeros.
2. Realice el cableado tal como se muestra en instalación (Sección 6).
3. Asegure la unidad en el tablero de instrumentos, y luego vuelva armar el tablero de instrumentos y el panel central.

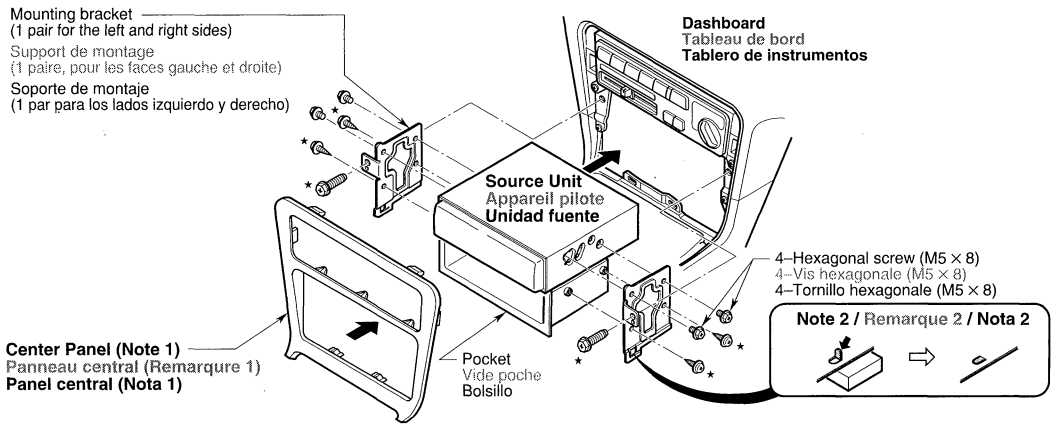


Figure 9 / Figure 9 / Figura 9

★ : The screws with this mark are originally attached to the vehicle.
Note 1: *In some cases, the center panel may require some modification (trimming, filling, etc.).*
Note 2: *If a hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or a similar tool.*

★ : Les vis portant cette marques sont montées d'origine dans le véhicule.
Remarque 1: *Dans certains cas, il sera parfois nécessaire de modifier le panneau central (découpe. remplissage, etc.).*
Remarque 2: *Si le crochet de la patte d'installation interfére avec l'appareil, le plier et l'apatir à l'aide d'une pince par exemple.*

★ : Los tornillos con esta marca estàn originalmente sujetos al vehículo.
Nota 1: *En algunos casos, el panel central puede requerr cierta modificación (Recorte, relleno, etc.).*
Nota 2: *Si un gancho en et soporte de instalación interfiere con la unidad, dóbelo y aplástelo con una pinzas de corte u otra herramienta especial.*

English Français Español

4. REMOVAL OF THE SOURCE UNIT / DEPOSE DE L'APPAREIL PILOTE / DESMONTAJE DE LA UNIDAD FUENTE

1. Remove the Detachable Control Panel (DCP).
   * For instructions on removing the DCP, refer to the owner's manual.
2. Press the outer escutcheon upward and remove it. (Figure 10)
3. Insert and lock the hook plates. (Figure 11)
4. Pull the hook plates to remove the source unit.

1. Déposer le clavier de commande amovible (DCP).
   * Pour les instructions sur le retrait du clavier de commande amovible (DCP), se référer au mode d'emploi.
2. Presser l'écusson extérieur vers le haut et le retirer. (Figure 10)
3. Insérer et verrouiller les plaques à crochet. (Figure 11)
4. Tirer sur les plaques à crochet pour retirer l'appareil pilote.

1. Desmonte el panel de control desmontable (DCP).
   * Para instrucciones sobre cómo desmontar el DCP, consulte el manual de instrucciones.
2. Presione la pieza ornamental exterior hacia afuera y extráigala. (Figura 10)
3. Inserte y bloquee las placas de enganche. (Figura 11)
4. Tire de las placas de enganche para extraer la unidad fuente.

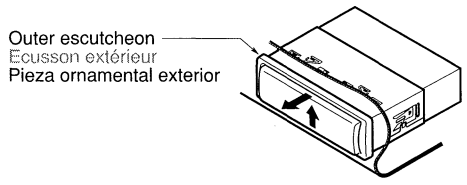


Figure 10 / Figure 10 / Figura 10

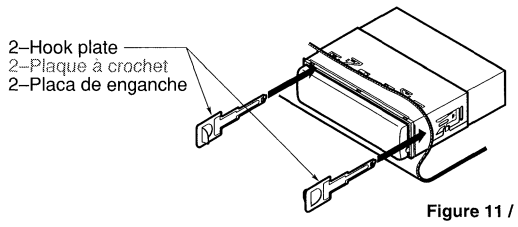


Figure 11 / Figure 11 / Figura 11

English Français Español

5. CAUTIONS ON WIRING / PRÉCAUTIONS AU SUJET DES CONNEXIONS / PRECAUCIONES PARA LA CONEXIÓN DE CABLES

■ 1. Be sure to turn the power off when wiring.
2. Be particularly careful where you route the wires. Keep them well away from the engine, exhaust pipe, etc. Heat may damage the wires.
3. If the fuse should blow, check that the wiring is correct.
   If it is, replace the fuse with a new one with the same amperage rating as the original one. (Figure 12)

Note:
There are various types of fuse holder. Do not let the battery side touch other metal parts.

4. Connect the CeNET extension cable fully and securely until it locks. When the CeNET extension cable is pulled, hold the slide cap part and pull it towards you.
   * When the CeNET extension cable is extended or branches, use extension cable CCA-520 (2.5m) or CCA-521 (0.6m), or Y-adapter CCA-519 (each of them is sold separately).
   * Use the CeNET extension cable made by Clarion.
5. When the main power supply fuse in the car is 15 A or less, purchase an automotive cable that can withstand 15 A and supply this unit with power directly from the battery to ensure that the unit will operate normally.
   Note that a fuse must be installed at a distance no longer than 30 cm from the cable battery terminal to prevent accidents.

■ 1. S'assurer de mettre l'appareil hors circuit avant de faire le câblage.
2. Faire particulièrement attention lors de l'acheminement des fils.
   Les éloigner du moteur, des tuyaux d'échappement, etc. La chaleur risque d'endommager ces fils.
3. Si le fusible saute, vérifier si le câblage est correct.
   Si le fusible est grillé, le remplacer par un fusible neuf de même ampérage que le fusible d'origine. (Figure 12)

Remarque:
Il y a différent type de porte-fusible. La borne du côté batterie ne doit pas toucher d'autres pièces métalliques.

4. Connecter le câble d'extension CeNET complètement et solidement jusqu'à ce qu'il soit verrouillé. Pour tirer le câble d'extension CeNET, tenir la partie coulissante du capuchon et tirer vers vous.ÀB
   * Pour étendre ou dériver le câble d'extension CeNET, utiliser le câble d'extension CCA-520 (2,5 m [8 pieds]) ou CCA-521 (0,6m [2 pieds]), ou l'adaptateur Y CCA-519 (ces câbles sont vendus séparément)
   * Utiliser les câbles d'extension CeNET fabriqués par Clarion.
5. Si le fusible d'alimentation principale de la voiture est de 15 A ou moins, achetez un câble automobile qui peut supporter 15 A et alimenter cet appareil directement à partir de la batterie et assurer que l'appareil fonctionnera normalement.
   Notez qu'un fusible doit être installé à une distance de moins 30 cm de borne de la batterie pour éviter tout accident.

■ 1. Antes de hacer las conexiones, asegúrese de desconectar la alimentación de la unidad.
2. Sea especialmente cuidadoso al dirigir y fijar los cables. manténgalos alejados del motor, tubo de escape, etc. El calor puede dañar los cables.
3. Si el fusible se quema, revise las conexiones.
   Si está quemado, reemplace el fusible por otro nuevo con el mismo valor de amperaje que el original. (Figura 12)

Nota:
Existen varios tipos de portafusibles. No permita que el terminal del lado de la batería toque otras partes metálicas.

4. Conecte el cable prolongador CeNET completa y seguramente hasta que chasquee. Para desconectar el cable, sujete la parte de la tapa deslizable y tire hacia usted.
   * Para prolongar o ramificar el cable prolongador CeNET, utilice un cable prolongador CCA-520 (2,5 m) o CCA-521 (0,6 m), o un adaptador en Y CCA-519 (vendidos aparte).
   * Utilice un cable prolongador CeNET fabricado por Clarion.
5. Cuando el fusible de alimentación principal del automóvil sea de 15 A o menos, adquiera un cable para automóvil que pueda resistir 15 A y alimente esta unidad directamente desde la batería para cerciorarse de que pueda funcionar normalmente.
   Tenga en cuenta que para evitar accidentes, deberá instalar un fusible en al cable que va a terminales de la batería a una distancia no superior a 30 cm.

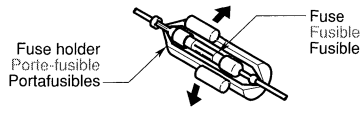
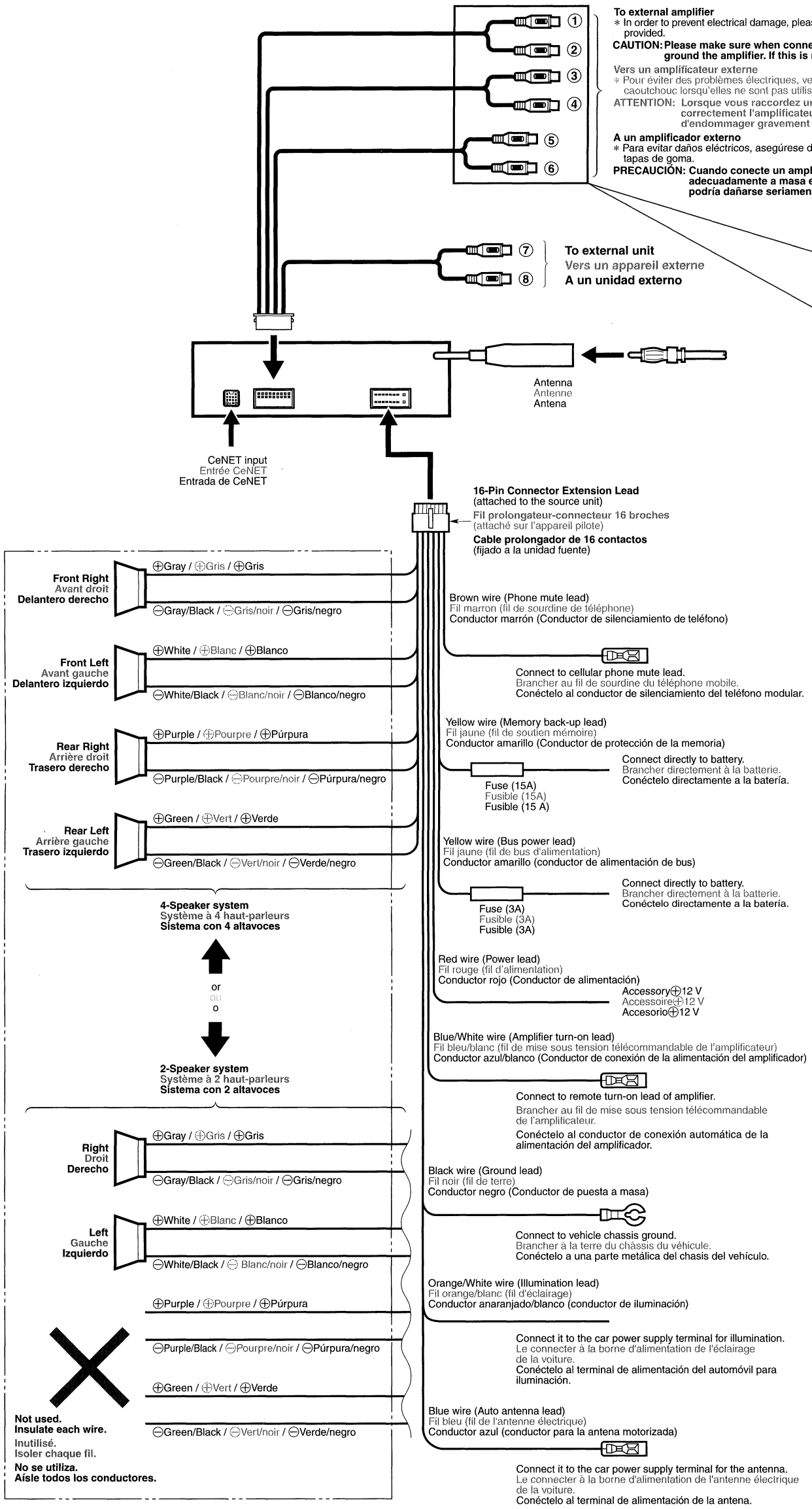


Figure 12 / Figure 12 / Figura 12

English Français Español

6. WIRE CONNECTIONS / CONNECTIQUE / CONEXIÓN DE CABLES


①
②
③
④
⑤
⑥
⑦
⑧
To external unit
Vers un appareil externe
A un unidad externo
Antenna
Antenne
Antena
CeNET input
Entrée CeNET
Entrada de CeNET
16-Pin Connector Extension Lead
(attached to the source unit)
Fil prolongateur-connecteur 16 broches
(attaché sur l'appareil pilote)
Cable prolongador de 16 contactos
(fijado a la unidad fuente)
Front Right
Avant droit
Delantero derecho
⊕Gray / ⊕Gris / ⊕Gris
⊖Gray/Black / ⊖Gris/noir / ⊖Gris/negro
Front Left
Avant gauche
Delantero izquierdo
⊕White / ⊕Blanc / ⊕Blanco
⊖White/Black / ⊖Blanc/noir / ⊖Blanco/negro
Rear Right
Arrière droit
Trasero derecho
⊕Purple / ⊕Pourpre / ⊕Púrpura
⊖Purple/Black / ⊖Pourpre/noir / ⊖Púrpura/negro
Rear Left
Arrière gauche
Trasero izquierdo
⊕Green / ⊕Vert / ⊕Verde
⊖Green/Black / ⊖Vert/noir / ⊖Verde/negro
4-Speaker system
Système à 4 haut-parleurs
Sistema con 4 altavoces
or
ou
o
2-Speaker system
Système à 2 haut-parleurs
Sistema con 2 altavoces
Right
Droit
Derecho
⊕Gray / ⊕Gris / ⊕Gris
⊖Gray/Black / ⊖Gris/noir / ⊖Gris/negro
Left
Gauche
Izquierdo
⊕White / ⊕Blanc / ⊕Blanco
⊖White/Black / ⊖ Blanc/noir / ⊖Blanco/negro
⊕Purple / ⊕Pourpre / ⊕Púrpura
⊖Purple/Black / ⊖Pourpre/noir / ⊖Púrpura/negro
⊕Green / ⊕Vert / ⊕Verde
⊖Green/Black / ⊖Vert/noir / ⊖Verde/negro
Not used.
Insulate each wire.
Inutilisé.
Isoler chaque fil.
No se utiliza.
Aísle todos los conductores.
Brown wire (Phone mute lead)
Fil marron (fil de sourdine de téléphone)
Conductor marrón (Conductor de silenciamiento de teléfono)
Connect to cellular phone mute lead.
Brancher au fil de sourdine du téléphone mobile.
Conéctelo al conductor de silenciamiento del teléfono modular.
Yellow wire (Memory back-up lead)
Fil jaune (fil de soutien mémoire)
Conductor amarillo (Conductor de protección de la memoria)
Connect directly to battery.
Brancher directement à la batterie.
Conéctelo directamente a la batería.
Fuse (15A)
Fusible (15A)
Fusible (15 A)
Yellow wire (Bus power lead)
Fil jaune (fil de bus d'alimentation)
Conductor amarillo (conductor de alimentación de bus)
Connect directly to battery.
Brancher directement à la batterie.
Conéctelo directamente a la batería.
Fuse (3A)
Fusible (3A)
Fusible (3A)
Red wire (Power lead)
Fil rouge (fil d'alimentation)
Conductor rojo (Conductor de alimentación)
Accessory⊕12 V
Accessoire⊕12 V
Accesorio⊕12 V
Blue/White wire (Amplifier turn-on lead)
Fil bleu/blanc (fil de mise sous tension télécommandable de l'amplificateur)
Conductor azul/blanco (Conductor de conexión de la alimentación del amplificador)
Connect to remote turn-on lead of amplifier.
Brancher au fil de mise sous tension télécommandable de l'amplificateur.
Conéctelo al conductor de conexión automática de la alimentación del amplificador.
Black wire (Ground lead)
Fil noir (fil de terre)
Conductor negro (Conductor de puesta a masa)
Connect to vehicle chassis ground.
Brancher à la terre du châssis du véhicule.
Conéctelo a una parte metálica del chasis del vehículo.
Orange/White wire (Illumination lead)
Fil orange/blanc (fil d'éclairage)
Conductor anaranjado/blanco (conductor de iluminación)
Connect it to the car power supply terminal for illumination.
Le connecter à la borne d'alimentation de l'éclairage de la voiture.
Conéctelo al terminal de alimentación del automóvil para iluminación.
Blue wire (Auto antenna lead)
Fil bleu (fil de l'antenne électrique)
Conductor azul (conductor para la antena motorizada)
Connect it to the car power supply terminal for the antenna.
Le connecter à la borne d'alimentation de l'antenne électrique de la voiture.
Conéctelo al terminal de alimentación de la antena.

To external amplifier
* In order to prevent electrical damage, please ensure the RCA terminals not in use are covered by the rubber caps provided.

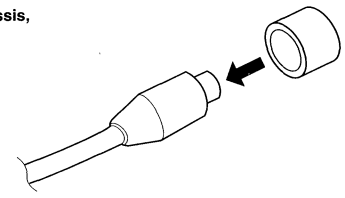
CAUTION: Please make sure when connecting external power amplifier, that you properly, to the car chassis, ground the amplifier. If this is not done, severe damage to the source unit may happen.

Vers un amplificateur externe
* Pour éviter des problèmes électriques, veillez à recouvrir les bornes RCA au moyen de leur capuchon en caoutchouc lorsqu'elles ne sont pas utilisées.

ATTENTION: Lorsque vous raccordez un ampli de puissance externe, faites bien attention à mettre correctement l'amplificateur à la masse sur le châssis de la voiture. Sinon, vous risquez d'endommager gravement l'appareil pilote.

A un amplificador externo
* Para evitar daños eléctricos, asegúrese de que los terminales RCA que no se utilicen estén cubiertos con las tapas de goma.

PRECAUCIÓN: Cuando conecte un amplificador de potencia externo, cerciórese de ponerlo adecuadamente a masa en el cha sis de su automóvil.Si no lo hiciese, la unidad fuente podría dañarse seriamente.



■ Speaker System

Following completion of the initial system check, the speaker menu is displayed.
Select the speaker settings that match your speaker systems.
For setting methods consult that "Owner's manual" accompanying this unit.

English **Speaker settings are supported only on the DXZ955MC model.**

RCA Line-out							
Lead		Gray		Black		Purple	
Jack		Red	White	Red	White	Red	White
Speaker setting	3WAY	HIGH (Tweeter)		MID (Front Speaker)		SUB WOOFER	
	2WAY	HIGH (Tweeter)		MID (Front Speaker)		REAR (Rear Speaker)	
	Dolby PL II	FRONT (Front Speaker)		SURROUND (Surround Speaker)		SUB WOOFER	CENTER
	NORMAL	FRONT (Front Speaker)		REAR (Rear Speaker)		SUB WOOFER	

■ Enceintes acoustiques

Lorsque les vérifications initiales du système sont terminées, le menu des haut-parleurs est affiché. Sélectionnez les réglages des haut-parleurs qui conviennent à vos enceintes acoustiques. En ce qui concerne les méthodes de réglage, consultez le "Mode d'emploi" qui accompagne cet appareil.

Français **Les réglages des haut-parleurs sont pris en compte uniquement sur le modèle DXZ955MC.**

Sortie de ligne RCA							
Conducteur		Gris		Noir		Pourpre	
Fil		Rouge	Blanc	Rouge	Blanc	Rouge	Blanc
Réglage de haut-parleur	3WAY (3 voies)	HIGH (Haut-parleur aigu)		MID (Haut-parleur avant)		SUB WOOFER (Caisson de basse)	
	2WAY (2 voies)	HIGH (Haut-parleur aigu)		MID (Haut-parleur avant)		REAR (Haut-parleur arrière)	
	DOLBY PL II	FRONT (Haut-parleur avant)		SURROUND (Haut-parleur d'ambiance)		SUB WOOFER	CENTER
	NORMAL	FRONT (Haut-parleur avant)		REAR (Haut-parleur arrière)		SUB WOOFER (Caisson de basse)	

■ Sistema de altavoces

Después de terminar la comprobación inicial del sistema, se visualizará el menú de los altavoces. Seleccione los ajustes de los altavoces que correspondan con su sistema de altavoces. Para ver los métodos de ajuste, consulte el "Manual de instrucciones" que acompaña a esta unidad.

Español **Los ajustes de los altavoces sólo son compatibles con el modelo DXZ955MC.**

Salida de línea RCA							
Cable		Gris		Negro		Purpura	
Toma		Rojo	Blanco	Rojo	Blanco	Rojo	Blanco
Ajuste de altavoces	3WAY (3 vías)	HIGH (Altavoz de agudos)		MID (Altavoz delantero)		SUB WOOFER (Altavoz de subgraves)	
	2WAY (2 vías)	HIGH (Altavoz de agudos)		MID (Altavoz delantero)		REAR (Altavoz trasero)	
	DOLBY PL II	FRONT (Altavoz delantero)		SURROUND (Altavoz de sonido perimétrico)		SUB WOOFER	CENTER
	NORMAL	FRONT (Altavoz delantero)		REAR (Altavoz trasero)		SUB WOOFER (Altavoz de subgraves)	

English

No.	Description
①	FRONT RIGHT Gray (Red)
②	FRONT LEFT Gray (White)
③	REAR RIGHT Black (Red)
④	REAR LEFT Black (White)
⑤	SUB WOOFER RIGHT Purple (Red)
⑥	SUB WOOFER LEFT Purple (White)
⑦	AUX INPUT RIGHT Red (Red)
⑧	AUX INPUT LEFT Red (White)

Français

No.	Description
①	AVANT DROIT Gris (Rouge)
②	AVANT GAUCHE Gris (Blanc)
③	ARRIERE DROIT Noir(Rouge)
④	ARRIERE GAUCHE Noir (Blanc)
⑤	SUBWOOFER DROIT Pourpre (Rouge)
⑥	SUBWOOFER GAUCHE Pourpre (Blanc)
⑦	ENTREE AUX DROIT Rouge (Rouge)
⑧	ENTREE AUX GAUCHE Rouge (Blanc)

Español

No.	Descripción
①	DELANTERO DERECHO Gris (Rojo)
②	DELANTERO IZQUIERDO Gris (Blanco)
③	TRASERO DERECHO Negro (Rojo)
④	TRASERO IZQUIERDO Negro (Blanco)
⑤	ALTAVOZ DE SUBGRAVES DERECHO Purpura (Rojo)
⑥	ALTAVOZ DE SUBGRAVES IZQUIERDO Purpura (Blanco)
⑦	Entrada auxiliar (AUX INPUT) del canal derecho, Rojo (Rojo)
⑧	Entrada auxiliar (AUX INPUT) del canal izquierdo, Rojo (Blanco)

English

Speaker Lead					
	Lead	White	Gray	Green	Purple
Speaker setting	2WAY/3WAY	HIGH-Left	HIGH-Right	MID-Left	MID-Right
		Tweeter		Front Speaker	
	Dolby PL II	FRONT-Left	FRONT-Right	SURROUND-Left	SURROUND-Right
		Front Speaker		Surround Speaker	
	NORMAL	FRONT-Left	FRONT-Right	REAR-Left	REAR-Right
		Front Speaker		Rear Speaker	

Français

Fil de haut-parleur					
	Fil	Blanc	Gris	Vert	Pourpre
Réglage de haut-parleur	2WAY/3WAY	HIGH gauche	HIGH droit	MID gauche	MID droit
		Haut-parleur aigu		Haut-parleur avant	
	Dolby PL II	FRONT gauche	FRONT droit	SURROUND gauche	SURROUND droit
		Haut-parleur avant		Haut-parleur d'ambiance	
	NORMAL	FRONT gauche	FRONT droit	REAR gauche	REAR droit
		Haut-parleur avant		Haut-parleur arrière	

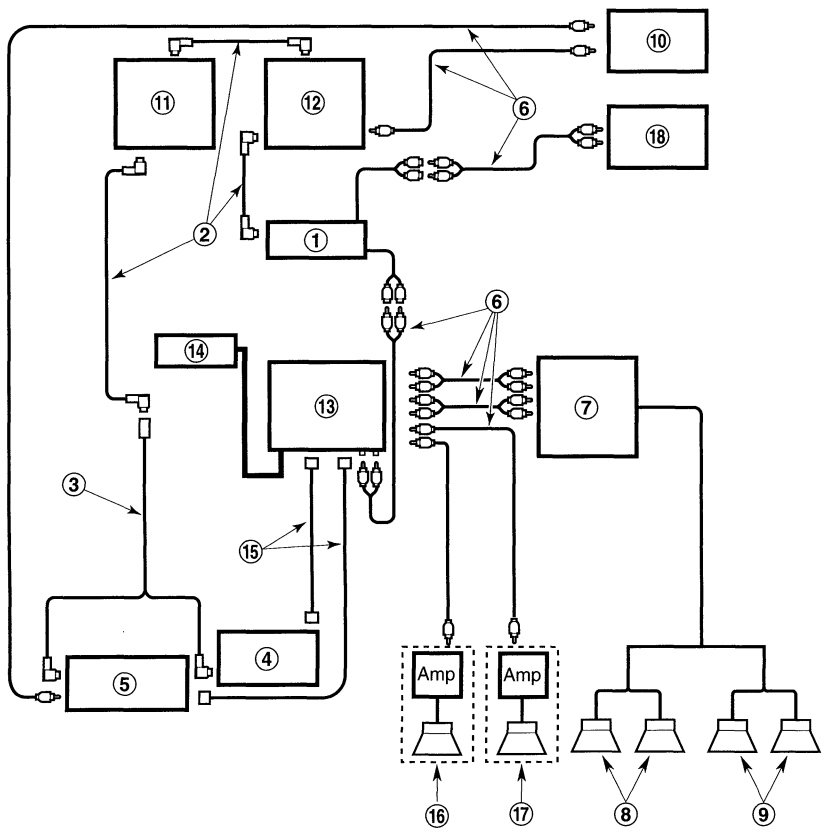
Español

Cable de altavoces					
	Cable	Blanco	Gris	Verde	Purpura
Ajuste de altavoces	2WAY/3WAY	HIGH izquierdo	HIGH derecho	MID izquierdo	MID derecho
		Altavoz de agudos		Altavoz delantero	
	Dolby PL II	FRONT izquierdo	FRONT derecho	SURROUND izquierdo	SURROUND derecho
		Altavoz delantero		Altavoz de sonido perimétrico	
	NORMAL	FRONT izquierdo	FRONT derecho	REAR izquierdo	REAR derecho
		Altavoz delantero		Altavoz trasero	

English Français Español

7. SYSTEM EXAMPLE/EXEMPLE DE SYSTEME/EJEMPLO DESISTEMA

■ **Example of the system using an external amplifier (Audio Visual)**
■ Exemple de système utilisant un amplificateur extérieur. (audio-visuel)
■ **Ejemplo de sistema utilizando un amplificador externo (audiovisual)**



English

①	Source unit
②	CeNET extension cable
③	Y-adapter (sold separately)
④	CD changer
⑤	DVD changer
⑥	RCA extension cable (sold separately)
⑦	4-Channel power amplifier
⑧	Front speakers
⑨	Rear speakers
⑩	Monitor
⑪	SIRIUS satellite radio receiver
⑫	TV tuner module
⑬	5.1ch surround decoder
⑭	5.1ch surround decoder control unit
⑮	Optical connector cable
⑯	Center speaker (with amplifier)
⑰	Subwoofer (with amplifier)
⑱	External unit

Français

①	Appareil pilote
②	Câble d'extension CeNET
③	Adaptateur Y (vendu séparément)
④	Changeur de CD
⑤	Changeur de DVD
⑥	Câble de rallonge RCA (vendu séparément)
⑦	Amplificateur de puissance 4 canaux
⑧	Haut-parleurs avant
⑨	Haut-parleurs arrière
⑩	Moniteur
⑪	Récepteur radio satellite SIRIUS
⑫	Module tuner TV
⑬	Décodeur surround 5.1 canaux
⑭	Module de commande de décodeur surround 5.1 canaux
⑮	Câble de connexion optique
⑯	Haut-parleur central (avec amplificateur)
⑰	Subwoofer (avec amplificateur)
⑱	Appareil externe

Español

①	Unidad fuente
②	Cable prolongador CeNET
③	Adaptador en Y (vendido aparte)
④	Cambiador de discos compactos
⑤	Cambiador de DVD
⑥	Cable de extensión RCA
⑦	Amplificador de potencia de 4 canales
⑧	Altavoces delanteros
⑨	Altavoces traseros
⑩	Monitor
⑪	Sintonizador SIRIUS de recepción radio vìa satélite
⑫	Módulo sintonizador de televisión
⑬	Descodificador de 5.1ch surround
⑭	Unidad de control de Descodificador de 5.1ch surround
⑮	Cable conector óptico
⑯	Altavoz central (con amplificador)
⑰	Altavoz de subgraves (con amplificador)
⑱	Unidad externo

Note:
Use a CeNET extension cable that is less than 20 m in length. (including the Y-adapter CCA-519.)
Remarque:
Utiliser un câble d'extension CeNET inférieur à 20 m de long (en comptant aussi l'adaptateur Y CCA-519).
Nota:
Utilice un cable prolongador CeNET de menos de 20 m de longitud (incluyendo el adaptador en Y CCA-519).

* This source unit can control a total of 2 changers except 2 DVD changers exist in the system.
* L'appareil pilote est capable de commander 2 changeurs au total en plus des 2 changeurs de DVD qui existent dans le système.
* Esta unidad fuente puede controlar en total 2 cambiadores excepto los 2 cambiadores de discos DVD del sistema.

English Français Español

8. GENERAL CAUTIONS / PRÉCAUTIONS GÉNÉRALES / PRECAUCIONES GENERALES

1. Do not open the case. There are no user serviceable parts inside. If you drop anything into the unit during installation, consult your dealer or an authorized CLARION service center.
2. Use a soft, dry cloth to clean the case. Never use hard cloth, thinner, benzen, alcohol, etc. For tough dirt, apply a little cold or warm water to a soft cloth and wipe off the dirt gentry.

IMPORTANT:
Improper installation may cause damage to your unit or car. If you do not have the appropriate experience, consult a qualified installer. Cutting chassis wire leads voids the warranty.

1. Ne pas ouvrir le coffret. Il n'y a pas de pièces réparables par l'utilisateur à l'intérieur de l'appareil. Si un objet est tombé dans l'appareil pendant l'installation, consulter votre revendeur ou un service après-vente agréé CLARION.
2. Utiliser un chiffon doux et sec pour nettoyer le coffret, ne jamais utiliser un chiffon rigide, un diluant, du benzène, de l'alcool, etc. Pour enlever la saleté tenace, appliquer un peu d'eau froide ou tiède sur un chiffon doux et essuyer doucement la saleté.

IMPORTANT:
Une installation incorrecte peut endommager l'appareil ou le véhicule. Si l'on ne possède pas les connaissances requises, consulter un installateur qualifié. Couper le fil du châssis annule la garantie.

1. No abra la caja. En el interior no hay piezas que pueda reparar el usuario. Si dentro de la unidad entra algo durante la instalación, consulte a su proveedor o a un centro de servicio autorizado por CLARION.
2. Para limpiar la caja, utilice un paño suave y seco. no use nunca un paño duro, diluidor de pintura, benceno, alcohol, etc. Para la suciedad resistente, aplique un poco de agua fría o caliente a un paño suave y frote suavemente la parte sucia.

IMPORTANTE:
La instalación inapropiada puede causar daños en su unidad o su automóvil. Si usted no posee la experiencia apropiada, consulte a un instalador cualificado. El corte de los conductores de puesta a masa (carrocería) anulará la garantía.

Clarion Co., Ltd.

Clarion®

CLARION LIMITED WARRANTY

For USA and Canada only

If purchased from an authorized Clarion dealer, this product is warranted against all defects in materials and workmanship for a period of one (1) year from the date of original purchase. Clarion ProAudio products, except for speakers, are covered by a two (2) year limited warranty when purchased from and installed by an authorized Clarion dealer. **ALL PURCHASES OF CLARION PRODUCTS FROM NON-AUTHORIZED CLARION DEALERS ARE SUBJECT TO FURTHER WARRANTY RESTRICTIONS AS DESCRIBED BELOW.**

The conditions of this limited warranty and the extent of responsibility of Clarion Corporation of America ("Clarion") under this limited warranty are as follows :

1. **PROOF OF DATE OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT. IN THE CASE OF THE TWO (2) YEAR LIMITED WARRANTY FOR CLARION PROAUDIO PRODUCT, PROOF OF INSTALLATION BY AN AUTHORIZED CLARION DEALER IS REQUIRED. INFORMATION ABOUT CLARION AUTHORIZED WARRANTY SERVICE CENTERS MAY BE OBTAINED BY CONTACTING OR WRITING CLARION AT THE ADDRESS LISTED BELOW.**
2. This limited warranty will become void if service performed by anyone other than an approved Clarion Warranty Service Center results in damage to the product.
3. This limited warranty does not apply to any product which has been subject to misuse, neglect or accident, or which has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions furnished by Clarion.
4. This limited warranty does not cover car static or other electrical interferences, tape head or laser pick-up cleaning or adjustments, or labor costs for the removal or reinstallation of the unit for repair.
5. The sole responsibility of Clarion under this limited warranty shall be limited to the repair of the product or replacement of the product, at the sole discretion of Clarion.
6. Product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion will not assume any responsibility for any loss or damage incurred in shipping.
7. **CLARION PRODUCTS, INCLUDING PROAUDIO PRODUCTS, PURCHASED FROM A SOURCE OTHER THAN AN AUTHORIZED CLARION DEALER, INCLUDING ANY AND ALL PURCHASES VIA THE INTERNET FROM A NON INTERNET AUTHORIZED CLARION DEALER, SHALL NOT BE COVERED BY ANY CLARION LIMITED WARRANTY TO THE EXTENT ALLOWED BY APPLICABLE LAW. IN THE EVENT AND TO THE EXTENT APPLICABLE LAW PROHIBITS ELIMINATION OF WARRANTIES UNDER THESE CIRCUMSTANCES, THE APPLICABLE LIMITED WARRANTY PERIOD SHALL BE DEEMED TO BE FIFTEEN (15) DAYS FROM THE DATE OF ORIGINAL PURCHASE.**
8. ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.
9. **THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.**
10. The laws of the State of California shall govern and control this limited warranty, its interpretation and enforcement.
11. Should you have any difficulties with the performance of this product during the warranty period, please call or visit our web site for a listing of Authorized Warranty Service Centers in your area. You may also contact the Clarion Customer Service at the address listed below for any service help you may need with Clarion products.

In USA:
Clarion Corporation of America
Attn:Customer Service Manager
661 W. Redondo Beach Blvd
Gardena, CA.90247-4201
1-800-GO-CLARION
(310)327-9100
www.clarion.com

In Canada:
Clarion Canada Inc.
Warranty Service Center
2239 Winston Park Drive
Oakville,Ontario L6H 5R1
(905)829-4600
www.clarioncanada.com